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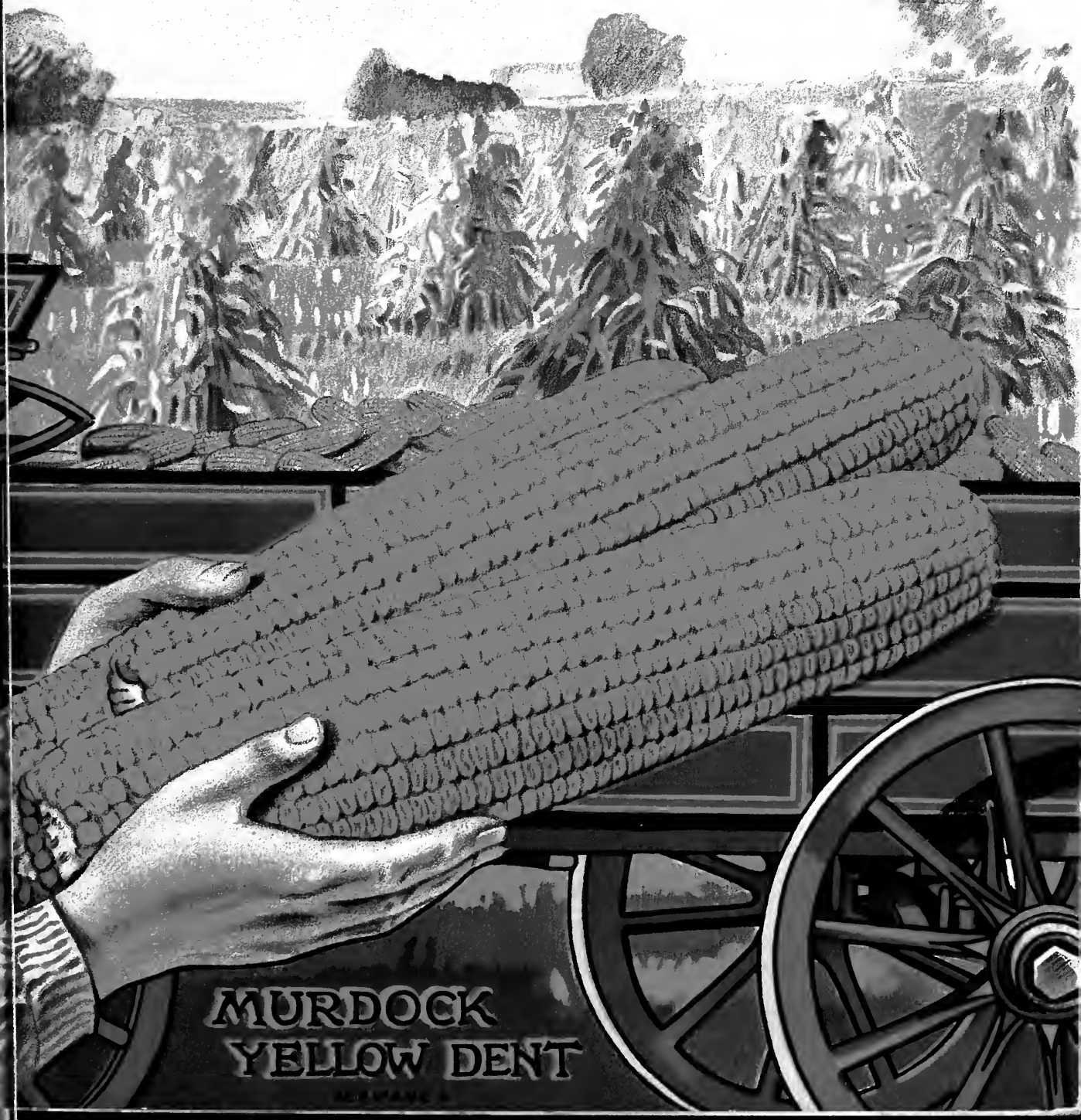
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OLDS' CATALOG

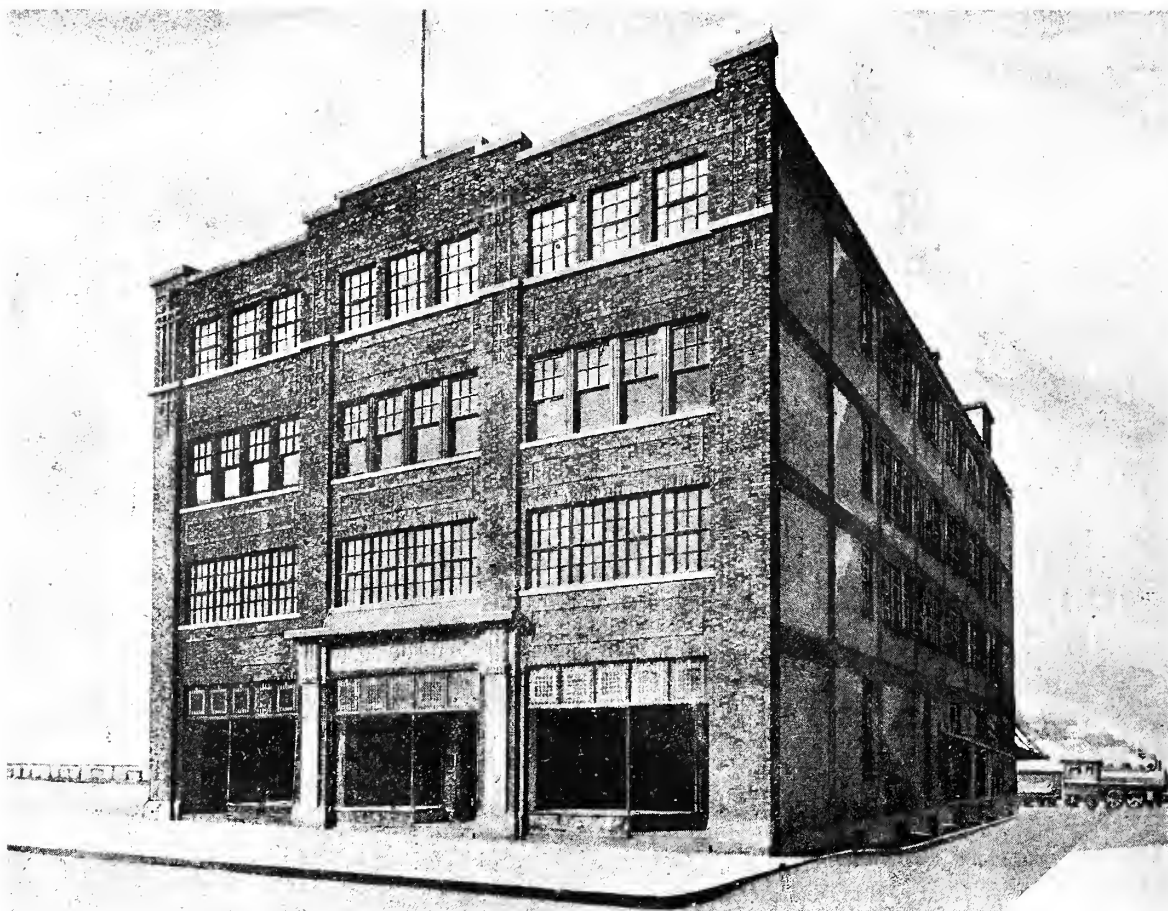
1915

SEEDS FOR THE FARM & GARDEN

L.L. OLDS SEED COMPANY
MADISON, WIS.



MURDOCK
YELLOW DENT



Olds Building, 720, 722 and 724 Williamson Street, Madison, Wis. Built of steel, brick and concrete and strictly fire-proof. The structure is 60 by 125 feet, four stories high with basement. There are two switch tracks in the rear for loading and unloading cars and the building is completely equipped with all the modern appliances that belong to an up-to-date seed house.

MANAGER'S PERSONAL GREETING

Dear Friends:

Madison, Wis., Jan. 1, 1915.

Some of you who receive this catalog are not yet our customers as this is perhaps the first time you have had one of our catalogs. You have no doubt heard of us before, however, and I trust you will allow me to address you as friends. I want you to get better acquainted with us and our seeds and I am extremely anxious that this catalog shall appeal to you in such a way that you will feel ready to give us your business. If you once try us I know you will want to stay with us.

Our Catalog is larger this year than anything we have before attempted and there are more pages in it. It costs three cents to mail it and as we issue 225,000 copies, the postage alone is quite an item. We have spent a lot of time in writing it up, endeavoring to make it clear and concise and also truthful and reliable. Mr. Wilson writes the Garden Seed pages while I write the rest of it. I hope you will like it.

About Prices. The prices on most things named in the catalog will be maintained through at the season or until stocks are exhausted. Prices are dependent upon the crops and in some cases, especially with the seeds that have to come from Europe, are higher this year than usual.

Some things are marked subject to change, as prices on those vary more or less with the market. Beginning about Feb. 1st we expect to issue a weekly price list sheet quoting the latest prices on Clover, Alfalfa, Timothy and other important field seeds and one of these sheets will be inserted in each catalog going out after that date. If you do not have a late list when you are ready to order ask for one. This applies only to Field Seeds. Garden Seed prices will remain the same for the season.

About Quality. While we are ambitious to sell seeds at as low prices as possible, our chief concern is to maintain the high standard of quality that our seeds hold. Olds' Seed Potatoes have had a national reputation for years. Olds' Seed Corn, Seed Grains and Garden Seeds are hardly less famous. Those who have tried our seeds know they can be relied upon for both purity and germination and for the production of big crops. Our aim is to have the best. At the same time seeds are **grown** and not **made** and after all efforts have been put forth and all precautions taken, we have to take what the earth produces. The seeds we offer are tested seeds.

Our New Building. We enjoy our new fire-proof building very much. Have been in it a year now and it suits us fine. We can take care of our business to much better advantage than before. Few seed houses have better arrangements for handling orders in large numbers and getting them filled and sent out quick.

In conclusion I want to say that this business which bears my name and which has grown to its present proportions through a long period of strenuous, painstaking effort from the small beginning made by me 27 years ago, represents my life work and is an enterprise that I propose to continue to put my personal service into as long as I live. While the business has grown way beyond my financial ability to handle it alone so that it was necessary to incorporate and let others put money into it, I am the largest stockholder and as president and manager direct the policies of the business and establish the principles that govern in the conduct of it. I wish to thank all our customers for their co-operation in helping to make our success and to assure you all that we shall continue to make it our first concern to do a truly honorable business and to do our share, through the seeds we sell, toward the great work of building up a better and more profitable agriculture.

Yours very truly, L. L. OLDS, President and General Manager,
L. L. OLDS SEED COMPANY.

INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in catalogue in making out your order, and retain a copy. If you have occasion to write us about the order later give post-office address from which it was mailed.

WE ACKNOWLEDGE ORDERS by postal when received unless the order, or some part of it, is to be sent at once. If any part of the order is mailed right out that answers as an acknowledgment or if goods are to be sent at once by freight or express we send acknowledgment and notice of shipment at the same time.

WE USUALLY SHIP BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, C. M. & St. P., C. & N. W. and I. C.

CUSTOMERS PAY TRANSPORTATION CHARGES on all goods unless they are offered postpaid. We have both the American and Wells Fargo Express Companies. There are special express rates everywhere on seeds. In the main the rate is 25 per cent less than the merchandise rate.

NO CHARGE FOR PACKING OR PACKAGES. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office, without extra charge for packages except for a few items like clover seed, where bags are extra as noted in the catalogue.

PREPAID STATIONS. If there is no agent at your railroad station the freight has to be prepaid, and in such cases we must request you to send money with your order to cover the amount.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush of the spring shipping, and our assortment is complete then and we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money, but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter and will not be responsible for the crop.

2. **SAFE ARRIVAL.** We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping was left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also.

3. **RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will also accept personal checks at face value. Small amounts, less than \$1.00 may usually be sent safely in postage stamps or coin.

OUR PURPOSE.

To have the best of everything; to send out a neat, attractive catalogue with truthful illustrations and descriptions; to be prompt; to be courteous; to be satisfied with small profits; to be honorable in our dealings, and to treat every customer so that he will want to order again. In short, to treat him as we would like to be treated.

OUR RESPONSIBILITY.

Some new customers may hesitate to send us money as they may never have heard of any of us. We should be pleased to have such inquire as to our responsibility (enclosing stamp) of Bradstreet's or Dun's Commercial Agencies, of The First National Bank or any business firm of Madison, or of any of the agricultural papers.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1915.

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots. Rates Subject to change.

(Potatoes, Garden Seeds, Clovers and Grass, Seeds go as third class; Grain, Corn, Poultry Food, etc., fourth class.)

	3rd.	4th.		3rd.	4th.		3rd.	4th.		3rd.	4th.
Ashland, Wis.....	\$0.44	\$0.23	Galesburg, Ill.....	\$0.28	\$0.22	Kearney, Neb.....	\$0.89	\$0.69	Wichita, Kans.....	\$3.85	\$
Baraboo, Wis.....	.18	.13	Jacksonville, Ill.....	.24	.20	Lincoln, Neb.....	.49	.36	Boston, Mass.....	.77	.54
Beaver Dam, Wis.....	.23	.16	Joliet, Ill.....	.26	.18	Omaha, Neb.....	.45	.32	Baltimore, Md.....	.69	.47
Beloit, Wis.....	.19	.15	La Salle, Ill.....	.25	.17	Hannibal, Mo.....	.32	.25	Richmond, Va.....	.69	.47
Chippewa Falls, Wis.....	.32	.24	Peoria, Ill.....	.35	.24	Kansas City, Mo.....	.45	.32	Wheeling, W. Va.....	.57	.40
Dodgeville, Wis.....	.19	.14	Quincy, Ill.....	.31	.24	Saint Joseph, Mo.....	.45	.32	Fort Smith, Ark.....	.77	.59
Evansville, Wis.....	.14	.11	Rockford, Ill.....	.19	.14	Saint Louis, Mo.....	.33	.26	Muskogee, Okla.....	.90	.69
Fond du Lac, Wis.....	.24	.17	Rock Island, Ill.....	.24	.19	Springfield, Mo.....	.50	.37	Oklahoma City, Okla.....	1.07	.87
Grand Rapids, Wis.....	.26	.21	Springfield, Ill.....	.27	.22	Fort Wayne, Ind.....	.47	.32	Dallas, Texas.....	1.16	1.06
Green Bay, Wis.....	.24	.17	Woodstock, Ill.....	.20	.15	Elkhart, Ind.....	.46	.31	Fort Worth, Texas.....	1.16	1.06
Janesville, Wis.....	.18	.13	Burlington, Ia.....	.30	.23	Indianapolis, Ind.....	.43	.33	Houston, Texas.....	1.16	1.06
La Crosse, Wis.....	.19	.15	Madison, Ia.....	.31	.23	South Bend, Ind.....	.44	.33	San Antonio, Texas.....	1.16	1.06
Lake Geneva, Wis.....	.24	.18	Clinton, Ia.....	.24	.19	Terre Haute, Ind.....	.46	.31	Denver, Colo.....	1.10	.85
Lake Mills, Wis.....	.16	.12	Davenport, Ia.....	.24	.19	Vincennes, Ind.....	.50	.35	Pueblo, Colo.....	1.10	.85
Lodi, Wis.....	.12	.10	Des Moines, Ia.....	.26	.21	Cleveland, Ohio.....	.53	.37	Cheyenne, Wyo.....	1.10	.85
Lone Rock, Wis.....	.19	.13	Dubuque, Ia.....	.23	.19	Columbus, Ohio.....	.53	.37	Billings, Mont.....	1.69	1.36
Mauston, Wis.....	.23	.16	Fort Dodge, Ia.....	.39	.29	Dayton, Ohio.....	.52	.36	Butte, Mont.....	1.85	1.49
Mazomanie, Wis.....	.14	.11	Marshalltown, Ia.....	.35	.26	Springfield, Ohio.....	.52	.36	Helena, Mont.....	1.85	1.49
Middleton, Wis.....	.09	.07	Osceola, Ia.....	.33	.25	Toledo, Ohio.....	.50	.35	Sioux City, Ia.....	2.45	2.07
Milwaukee, Wis.....	.24	.17	Shenandoah, Ia.....	.33	.25	Youngstown, Ohio.....	.53	.37	Seattle, Wash.....	2.45	2.07
Monroe, Wis.....	.18	.13	Sioux City, Ia.....	.45	.32	Calumet, Mich.....	.39	.31	Spokane, Wash.....	2.09	1.75
Mount Horeb, Wis.....	.14	.11	Waterloo, Ia.....	.34	.25	Detroit, Mich.....	.50	.35	Portland, Ore.....	2.45	2.07
Platteville, Wis.....	.24	.18	Duluth, Minn.....	.44	.28	Jackson, Mich.....	.49	.34	Salem, Ore.....	2.45	2.07
Plymouth, Wis.....	.24	.18	Faribault, Minn.....	.40	.25	Kalamazoo, Mich.....	.45	.32	Ogden, Utah.....	1.72	1.39
Portage, Wis.....	.18	.13	Mankato, Minn.....	.43	.27	Lansing, Mich.....	.50	.35	Salt Lake City, Utah.....	1.72	1.39
Racine, Wis.....	.25	.19	Red Wing, Minn.....	.40	.25	Hutchinson, Kans.....	.86	.66	San Francisco, Cal.....	2.45	2.07
Reedsburg, Wis.....	.20	.14	Saint Cloud, Minn.....	.58	.39	Fort Huron, Mich.....	.50	.35	New Orleans, La.....	.79	.61
Sheboygan, Wis.....	.24	.17	Saint Paul, Minn.....	.40	.25	Saginaw, Mich.....	.50	.35	Phoenix, Ariz.....	2.09	1.75
Sparta, Wis.....	.25	.19	Stillwater, Minn.....	.40	.25	Marquette, Mich.....	.40	.28	Boise, Idaho.....	2.00	1.65
Stevens Point, Wis.....	.25	.21	Winona, Minn.....	.33	.23	Albany, N. Y.....	.70	.49	Reno, Nev.....	2.09	1.75
Stoughton, Wis.....	.10	.09	Aberdeen, S. D.....	.67	.50	Buffalo, N. Y.....	.53	.37	Santa Fe, N. M.....	1.80	1.52
Sun Prairie, Wis.....	.10	.09	Mitchell, S. D.....	.67	.47	New York, N. Y.....	.72	.50	Hartford, Conn.....	.77	.54
Superior, Wis.....	.44	.28	Pierre, S. D.....	.80	.60	Rochester, N. Y.....	.59	.41	Wilmington, Del.....	.77	.54
Watertown, Wis.....	.18	.13	Sioux Falls, S. D.....	.47	.33	Syracuse, N. Y.....	.62	.43	Bangor, Me.....	.77	.54
Waukesha, Wis.....	.22	.15	Yankton, S. D.....	.51	.37	Erie, Pa.....	.53	.37	Concord, N. H.....	.77	.54
Wausau, Wis.....	.30	.21	Bismarck, N. D.....	1.05	.74	Harrisburg, Pa.....	.69	.47	Trenton, N. J.....	.72	.50
Aurora, Ill.....	.25	.17	Fargo, N. D.....	.77	.54	Philadelphia, Pa.....	.70	.48	Burlington, Vt.....	.77	.54
Bloomington, Ill.....	.25	.19	Grand Forks, N. D.....	.83	.58	Pittsburg, Pa.....	.57	.40	Memphis, Tenn.....	.80	.60
Champaign, Ill.....	.25	.19	Jamestown, N. D.....	.91	.63	Scranton, Pa.....	.70	.48	Jackson, Miss.....	1.05	.84
Chicago, Ill.....	.25	.17	Williston, N. D.....	1.36	.99	Atchinson, Kans.....	.45	.32			
Danville, Ill.....	.25	.19	Sturtevant, Neb.....	.53	.40	Hutchinson, Kans.....	.86	.66			
Decatur, Ill.....	.25	.17	Fairbury, Neb.....	.49	.36	Lawrence, Kans.....	.55	.41			
Elgin, Ill.....	.25	.17	Fremont, Neb.....	.49	.36	Topeka, Kans.....	.59	.43			
Freeport, Ill.....	.19	.15	Hastings, Neb.....	.83	.62						

PARCEL POST RATES.

These rates apply now to seeds as well as other things. Limit of weight up to 150 miles, 50 pounds. Over 150 miles, 20 pounds. To find postage on over 10 pounds add for each additional pound at same proportionate rate. Do not forget to allow for weight of package and wrapping.

WEIGHT	Local rate	Less than 150 Miles	150 to 300 Miles	300 to 600 Miles	600 to 1,000 Miles	1,000 to 1,400 Miles	1,400 to 1,800 Miles	Over 1,800 Miles	WEIGHT	Local rate	Less than 150 Miles	150 to 300 Miles	300 to 600 Miles	600 to 1,000 Miles	1,000 to 1,400 Miles	1,400 to 1,800 Miles	Over 1,800 Miles
1 pound.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12	6 pounds.....	.08	.10	.16	.27	.38	.49	.61	.72
2 pounds.....	.06	.06	.07	.08	.09	.10	.12	.13	7 pounds.....	.08	.11	.18	.31	.44	.57	.71	.84
3 pounds.....	.06	.07	.08	.09	.10	.11	.13	.14	8 pounds.....	.09	.12	.20	.35	.50	.63	.78	.96
4 pounds.....	.07	.08	.09	.10	.11	.12	.14	.15	9 pounds.....	.09	.13	.22	.39	.56	.73	.91	1.08
5 pounds.....	.07	.09	.10	.11	.12	.13	.15	.16	10 pounds.....	.10	.14	.24	.43	.62	.81	1.01	1.20

FIELD SEED DEPARTMENT.



Our Exhibit at Wisconsin State Fair, 1914.

TESTED SEEDS.

Our Field Seeds are inspected by the Seed Testing Department of the Wisconsin Experiment Station and germination and purity tests as given by them are furnished with every shipment that goes out.

FREE SAMPLES BY MAIL.

We furnish small samples free of any of our Field Seeds except those that are sold in packets. Our samples are of unusual value because we print tests on the sample bags. Following our custom we are making up a collection of ten samples of the things that our customers are likely to be most interested in, which we call our "Free Sample Collection of Field Seeds." This is made up this year as follows:

Murdock Yellow Dent Corn, Brueckner Stock. Sweepstakes corn of the Northern zone. See page 4.
 Regenerated Swedish Select Oats, Canadian Grown. Heaviest and nicest looking. 48 pounds per bushel. See page 9.
 Olds' Montana Scottish Chief Oats. Very bright and heavy. Weight 45 pounds per bushel. See page 11.
 Wisconsin Pedigree Barley, Krueger Stock. World's Champion six years in succession. See page 12.
 Montana White Hullless Barley. No beards or hulls. Yields 60 bushels per acre. See page 13.
 Marquis Wheat. A wonderful new spring wheat. Awarded World's Championship Prize of \$1000.00. See page 14.
 Medium Red Clover, Old Gold Brand. Best and purest. Thoroughly re-cleaned and fully tested. See page 20.
 Alsike Clover, Old Gold Brand. Pure, bright seed. Goes further than Red Clover. See page 20.
 Olds' Fancy Black Hills Alfalfa. Brightest, purest seed from land never irrigated. Best for the north. See page 21.
 Timothy, Old Gold Brand. Olds' High Grade Wisconsin grown seed. Purest and cleanest. See page 23.

\$100.00 IN CASH PREMIUMS.

We offer the following Cash Premiums for products grown from seed purchased of us this year.

AT WISCONSIN STATE FAIR, MILWAUKEE, FALL OF 1915.

Best 10 Ears Golden Glow Corn, from seed purchased of us	\$10.00
Best 10 Ears Silver King Corn, from seed purchased of us	10.00
Best 10 Ears Murdock Yellow Dent Corn, from seed purchased of us	10.00
Best Peck Oats, Any Variety, from seed purchased of us	10.00
Best Peck Barley, Any Variety, from seed purchased of us	10.00

Best Peck Wheat, Any Variety, from seed purchased of us 5.00
 Collection Vegetables, from seed purchased of us, First Prize \$15.00; Second 10.00

AT WISCONSIN EXPERIMENT ASSOCIATION MEETING, WINTER OF 1915-1916.

Best Half Peck Oats, Any Variety, from seed purchased of us	\$10.00
Best Half Peck Barley, Any Variety, from seed purchased of us	10.00
Best Half Peck Wheat, Any Variety, from seed purchased of us	5.00

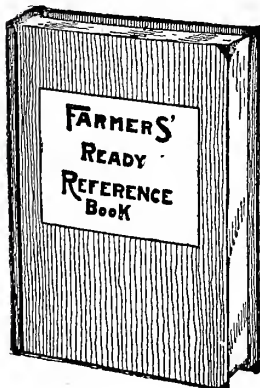
VALUABLE PREMIUM FREE.

FARMERS' READY REFERENCE BOOK.

Our "Farmers' Ready Reference Book" is something that no progressive farmer can afford to be without. It contains 192 pages illustrated, and covers all subjects of interest to the Farmer, Gardener, Dairymen and Stockman. There are chapters on all departments of farm life, and each chapter is written by an expert in his particular line. Government and state men and well-known agriculturists, such men as C. P. Hartley, M. A. Carleton, Chas. F. Curtiss, C. W. Warburton, H. L. Bolley, J. M. Westgate, H. W. Wiley and Thomas Shaw are among the authors.

The index contains more than 150 subjects covering practically everything of interest to the farmer from Poultry Raising to Peanut Culture.

The Price of the Book is 50 cents, and it is easily worth three times that but we Present It Absolutely Free With Every Order For Seeds Amounting to \$5.00 or Over. This applies to both Field and Garden Seeds. Mention it when you order if you want a copy.



OLDS' SEED CORN

WISCONSIN GROWN EAR CORN.

We make a specialty of Fancy Ear Corn and we are building up a great trade for it. Have been selling it on the ear in bushel crates for 10 years. The illustrations on this page show the style of bushel crate we use. Tops and bottoms are tight, while the spaces between the slats are lined with wire cloth, which prevents mice and thieves from getting in and corn from getting out.

Selection. Olds' Wisconsin Grown Ear Corn is something extra. Our growers, who are mostly members of the Wisconsin Experiment Association and have been under Prof. Moore's training, must see to it that all the ears they furnish are choice ears, uniform in size and shape, true to type and free from any mixture. When we receive the corn here we inspect again and throw out every ear not up to standard.

Wisconsin Seed Corn, through the work of our Agricultural College and Experiment Association, is becoming famous. Our adapted varieties and select seed have put Wisconsin in average yield per acre at the head of the list of all the states, including Illinois, Iowa, Nebraska and all the other big corn states. This is a great triumph for Wisconsin. Our crop in this state the past season was the finest ever harvested. We never had nicer seed corn to offer than we have now. The long season gave the corn a chance to mature up in splendid shape and the ears run considerably larger than usual.

Farmers of the corn belt, you can hardly do better this year than plant some of our Wisconsin grown seed, especially if you want something that you know will be early. In fact this past season all through Central Illinois and drouth stricken sections of Missouri and Kansas, Wisconsin grown seed gave the best corn because it ripened early before the hot winds came on.

Germination. Our Wisconsin corn is all fire-dried and it will not only grow but will make a strong growth. You do not want to plant seed corn that is weak in vitality. The expense per acre is a small matter anyway and of all things it pays to get the very best when you buy seed corn, regardless of the price.

OUR GUARANTEE.—Note what we say about guaranteeing quality on page one. This applies to corn, as well as other things. We guarantee to the extent of the amount sent us, no further. At the same time we like to have our customers test corn themselves and return it if not satisfactory.



"Sonny" wants you to try Silver King.

GOLDEN GLOW. (Wisconsin No. 12.)

OUR EARLIEST VARIETY AND THE EARLIEST GOOD-SIZED CORN IN EXISTENCE.

Yield Record, 134 Bushels Per Acre in Fond du Lac County.

This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin and yields big crops of good-sized ears.

Golden Glow was awarded first place at the 1913 International Corn Show as the "Best Yellow Corn from the Northern Zone," and with one exception it also holds the record for yield per acre in Wisconsin, producing 133 bushels, 39 pounds of shelled corn from one acre in 1913 in Fond du Lac County.

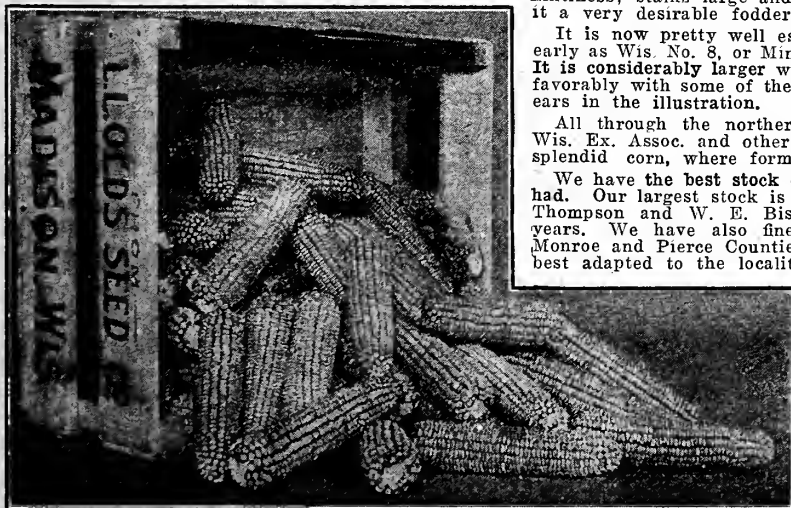
History. This is strictly a Wisconsin variety and to the Wisconsin Experiment Station, belongs the credit of bringing it out. It is a cross of Wis. No. 8 or Minn. No. 13 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter.

Description. Golden Glow is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn, just a slight roughness at the outer ends and very free from a tendency to flintiness; stalks large and strong with abundant foliage making it a very desirable fodder or silo variety.

It is now pretty well established that Golden Glow is just as early as Wis. No. 8, or Minn. No. 13 and it is a much better corn. It is considerably larger with good sized ears that really compare favorably with some of the heavy yielding varieties. Look at the ears in the illustration.

All through the northern half of Wisconsin members of the Wis. Ex. Assoc. and other farmers are now getting big crops of splendid corn, where formerly nothing but flint was grown.

We have the best stock of Golden Glow this year that we ever had. Our largest stock is from Trempealeau County, from A. L. Thompson and W. E. Bishop, who have grown for us several years. We have also fine Golden Glow from Jefferson, Sauk, Monroe and Pierce Counties. We will fill each order with stock best adapted to the locality it comes from.



Golden Glow grown by A. L. Thompson, Northwestern Wisconsin.

PRICES OF GOLDEN GLOW FOR 1915.

Ears: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00. (Crates free. 70 pounds per bushel.)

Shelled: Pk., 85c; bu. (56 lbs.), \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75. (Grain bags free.)

Nebraska Grown, from Wisconsin seed. Shelled: Pk., 70c; bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.

For complete list see page 7.

MURDOCK YELLOW DENT.

Sweepstakes Corn of the Northern Zone.

Best Dent for Southern Wisconsin and Northern Illinois.



Murdock Yellow Dent is our favorite variety of corn, and all things considered we pronounce it the most desirable sort now in cultivation for the northern farmer. Hence we give it the most prominent place in our catalog, showing it in colors on the front cover.

It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910 and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, who is one of our growers of Murdock, was the exhibitor of this corn. He says, "I have grown Murdock for ten years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have shown corn." We believe he has the finest, most even grade of corn in the state.

Mr. Brueckner's complete record of prizes on Murdock is as follows:

Sweepstakes, 1909 International Corn Exposition, 10 ears, Northern Zone, Any Variety.

Sweepstakes, 1910 International Corn Exposition, Single Ear, Northern Zone, Any Variety.

Second Prize, 1910 International Corn Exposition, 10 ears, Yellow, Wisconsin, Any Variety.

First Prize, 1909 Wis. Exp. Assoc., 10 ears, Any other Var.

First Prize, 1910 Wis. Exp. Assoc., 10 ears, Any other Var.

First Prize, 1911 Wis. Exp. Assoc., 10 ears, Any other Var.

First Prize, 1912 Wis. Exp. Assoc., 10 ears, Any other Var.

Second Prize, 1911 Wis. Exp. Assoc., Single Ear, Any Var.

Second Prize, 1912 Wis. Exp. Assoc., Single Ear, Any Var.

Second Prize, 1912 Wis. Exp. Assoc., 50 ears, Any Var.

First Prize, 1914 Wis. Exp. Assoc. Show, 50 ears, Any Var.

First Prize, 1914 Wis. State Fair, 10 ears, Any Variety.

Sweepstakes, 1911 Ft. Atkinson Show, 10 ears, Any Var.

Sweepstakes, 1911 Jefferson County Show, Any Variety.

Sweepstakes, 1912 Jefferson County, 10 ears, Any Variety.

First Prize, 1912 Jefferson County, 10 ears, Any Variety.

First Prize, 1913 Jefferson County Show, 10 ears, Any Var.

First Prize, 1913 Jefferson County Show, 50 ears, Any Var.

Second Prize, 1911 Milton Grain Show, 10 ears, Any Var.

We have again contracted for all the Murdock Yellow

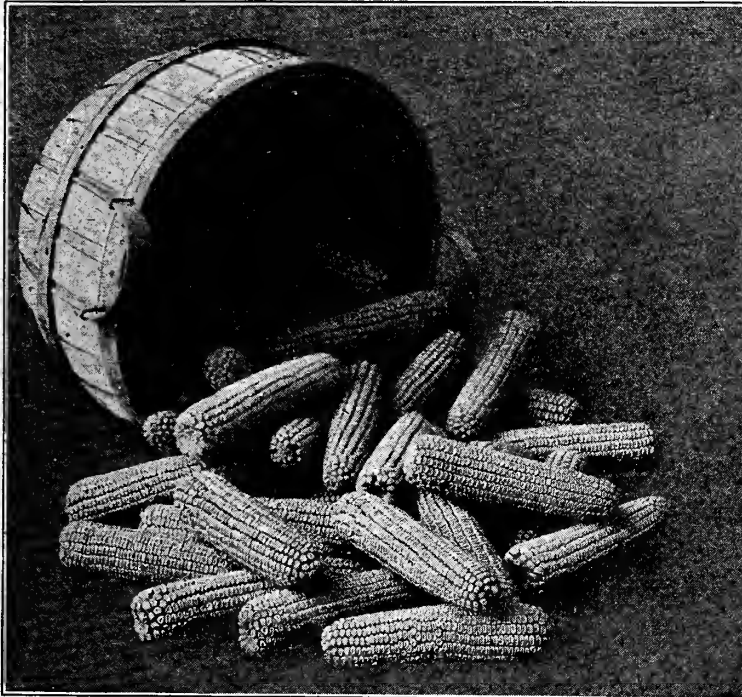
Dent that Mr. Brueckner can furnish of his famous strain

of this corn, and Brueckner Murdock can be secured nowhere

except from us.

SILVER KING (Wisconsin No. 7).

The Yield Record Variety for Wisconsin.



SILVER KING Silver King is the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin putting us as a state ahead of Illinois, Iowa, Missouri, Nebraska, Kansas and all other states in the Union in yield per acre. This is a great triumph for Silver King.

History:—This corn originated in northern Iowa. It was brought to Wisconsin a few years ago and has been developed and improved and sent out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, is 137 6-10 bushels per acre. This was the amount of shelled corn produced on one acre of ground in 1913, by Heiron Block of Racine County, in the acre contest. This last fall in the Rock County Boys' Contest 9 different boys exceeded the hundred bushel mark. The highest yield was 132 bushels, 64 pounds of Silver King grown by Milton Anderson, age 17.

Description:—In appearance the corn is a beauty. Note the accompanying illustration; also the one on page 3. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The

corn is pure snow-white in color with good length kernels set compactly in straight rows. The corn is a strong grower, early enough to mature as far north as Oshkosh, Wisconsin, and is especially adapted to resist cold weather. It has a decided double-ear characteristic, one reason for its fine yield records.

Value:—We feel that we can hardly rate the value of this corn too high. It gets ripe and it produces the yield. Hundreds of young men, the leading farmers of Wisconsin, are ready to swear by Silver King. These progressive young farmers, members of the Wisconsin Experiment Association, have grown most of our stock for us.

We are headquarters for this famous variety of corn and our stock is pure. Look out for a mixture of yellow kernels when you buy Silver King. We have stocks from Dane, Grant, Monroe, and Jefferson Counties, all Wisconsin grown. We recommend it for Illinois and the corn belt as well as for northern latitudes.

PRICES OF SILVER KING FOR 1915.

Ears: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.
Shelled: Bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

CLARK'S YELLOW DENT.

(WISCONSIN NO. 1.)

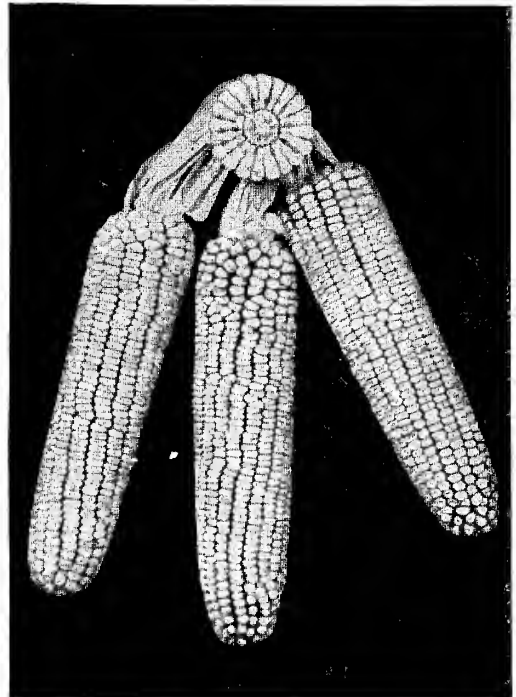


This is one of the pure bred varieties recognized and recommended by the Wisconsin College of Agriculture.

Clark's Yellow Dent originated with Mr. Ben Clark, an old corn grower of Walworth County, Wis. The corn always breeds very true to type, uniform in color, size and shape of ear, always splendidly filled out at tip and butt; kernels of a bright golden color, compactly set on the cob, and of unusual length for so early a corn. A very noticeable thing is that the ears hold their size almost to the tip instead of tapering out to a long, slim point, or showing a bare cob. Stalk is strong and rather large, with one good ear to every stalk. Best of all the corn is a very heavy cropper.

Our stock was grown by William F. Belda, of Dane County and his 10 ears of Clark's Yellow Dent selected from this same stock secured Sweepstakes at the 1914 Madison Fall Festival out of 41 Entries.

Prices: Same as for Silver King.

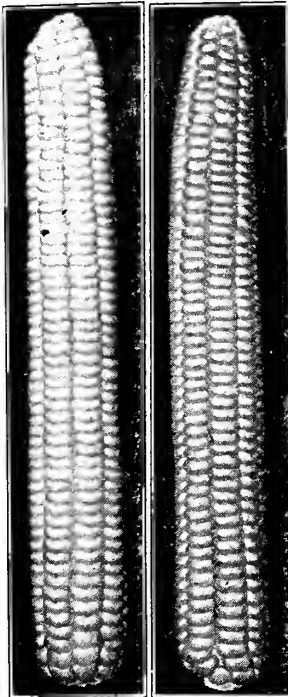


Clark's Yellow Dent (Wis. No. 1.)

Albert Wilhelm, Troy, Oblo, writes March 14th, 1914: "The seed corn received of you is O. K. I tested 26 grains and 25 of them were good. I would rather buy seed of you than I would here at home as I get what I ask for; and if it is not, you always make it right. You can depend on an order next season."

George Klunzinger, Berea, Oblo, writes Feb. 8th, 1914: "We have been sending for our seeds to L. L. Olds Seed Company, Madison, Wis. for a number of years and are well pleased with same having obtained better results from his seeds than from any others. Olds' catalog contains the best varieties of garden seeds. He does not brag his seeds up to more than their value as I know some other firms do."


Mrs. Sadie Detwiler, Seale, Pa., writes March 23rd, 1914: "L. L. Olds' seeds are the cheapest and best because they grow when planted. We got a barrel two years ago. There was not a bad potato in the barrel. They did well for us and his seeds are also the best as I have gotten seeds from lots of seedsmen and L. L. Olds' are the best because they grow. I advise gardeners to buy seeds from L. L. Olds' Seed House."



Olds' White. Smut Nose. at \$3.50.

WISCONSIN FLINT. OLDS' WHITE FLINT.

The Sweepstakes Flint for the Northern Zone.

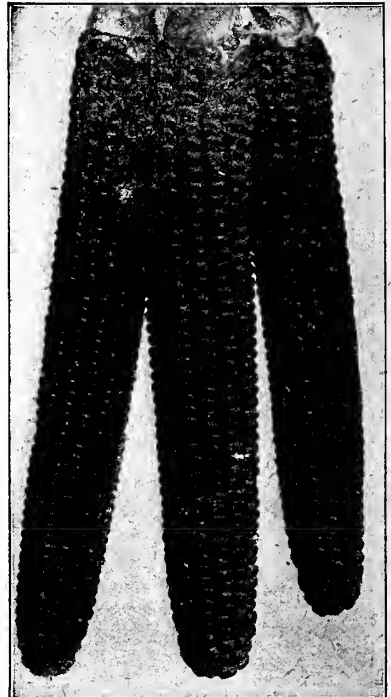
 Olds' White Flint is now catalogued for the first time. Our stock was grown in Jefferson County, Wisconsin, by Wm. R. Leonard, Vice President of the Wisconsin Experiment Association. He started with 10 ears procured from the Experiment Association in 1909 and has been breeding from those 10 ears ever since. This corn is already taking its place as one of the most prolific and heaviest yielding Flints and for appearance it is a beauty. The ears are long and smooth with eight rows of pure transparent white kernels. Mr. Leonard has secured the following premiums on it:

First, 1911 Inter. Corn Exp., 10 ears, Wis. Class.
First, 1913 Int. Expo., single ear, Wis. Class.
Sweepstakes, 1913 Int. Expo., 10 ears, Nor. Zone.
First, 1910 Wis. Exp. Assoc., 10 ears White Flint
Second, 1911 Wis. Ex. Assoc., 10 ears White Flint
First, 1913 Wis. Exp. Assoc., 10 ears White Flint.
First, 1914 Wis. Exp. Assoc., 10 ears White Flint.
First and Second, 1911 Ft. Atkinson Grain Show.
First and Third, 1912 Fort Atkinson Grain Show.
First and Second, 1912 Jefferson Co. Exp. Assoc.
Second and Third, 1913 Jefferson Co. Ex. Assoc.
First and Second, 1911 Milton Corn Show.
First and Second, 1913 Cambridge Corn Show.

We hope everyone who wants flint corn will try this beautiful new prize winning Flint.

Prices—Ears: Bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.

Shelled: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.



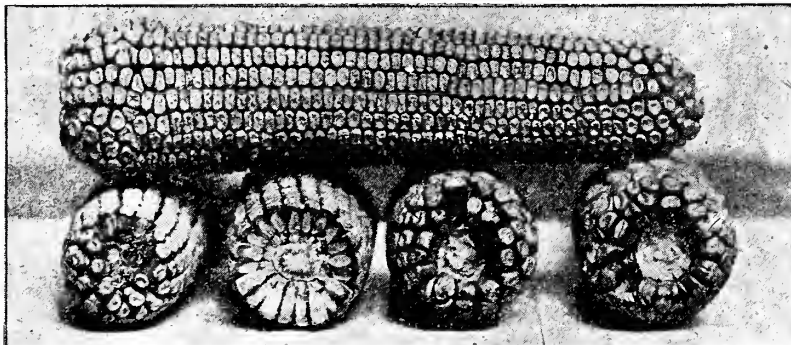
Improved Twelve-Rowed Flint.

IMPROVED SMUT NOSE FLINT. (Wisconsin No. 15.)

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other flint and it also has a better stalk. They think it especially well adapted to Wisconsin conditions. It has a long ear with eight rows of large yellow kernels shading down to the peculiar burnt looking kernels near the tip.

Our stock was grown in Jefferson County by Mr. H. C. Brueckner of Murdock Yellow Dent fame. This is enough to recommend it. Mr. Brueckner knows how to grow corn and knows how to select it. Order early. Stock is limited.

Prices—Ears: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.



Reid's Yellow Dent.

REID'S YELLOW DENT.


Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears shelling 88 per cent grain and often better.

Our main stock was grown in Illinois, at the northern edge of the corn belt, by Mr. J. N. Valentine, a prominent corn breeder.

Prices—Illinois Grown; Ears only: Bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

Neb. Grown—Shelled: Bu., \$1.75; 5 bus. at \$1.60; 10 at \$1.50.

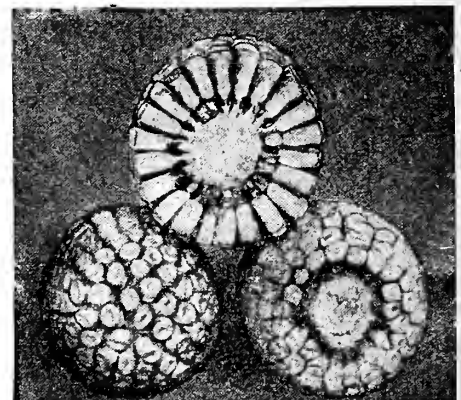
OLDS' IMPROVED LEAMING.

 The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin.

We have a fancy lot of an improved strain of Leaming to offer, grown in DeKalb County, Illinois, only 40 miles from the Wisconsin state line. Our grower says it is earlier than Reid's Yellow Dent with him and he considers it a more desirable corn for northern Illinois.

Prices, Illinois Grown—Ears only: Bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.


Nebraska Grown, Shelled: Bu., \$1.75; 5 bus. at \$1.60; 10 at \$1.50.



Olds' Improved Leaming.

Shelled: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

OLDS' IMPROVED TWELVE-ROWED FLINT.

 Twelve-rowed corn yields more per acre than 8-rowed, because the ears are larger in circumference and have more corn on them. For this reason, leading dairymen are planting it for the silo and for early feed. Twelve-Rowed Flint is a selection from the well known Longfellow Flint or Yankee Corn. It is just as early and has the same beautiful, clear yellow color. Our stock was grown right here in Dane County, and is fancy.

Prices—Ears: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.
Shelled: Bu., \$3.25.

WESTERN GROWN CORN.

The corn offered on this page is Nebraska grown except the Johnson County and Silver Mine. It is from reliable growers, is thoroughly cleaned and graded by the latest improved machinery, shows good germination tests and is fully equal to corn offered by seedsmen who do not tell where there corn grew.

PRIDE OF THE NORTH.

The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn. Ears about 7 to 8 inches long, often two on a stalk.

Prices—Shelled only: $\frac{1}{2}$ pk., 40c; pk., 65c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

KING OF THE EARLIES.

Another extra early described by a well-known Wisconsin seed firm as "the Earliest Dent Corn in Cultivation." Ears are rather short, cob small, kernels a little shorter than for Pride of the North, of golden yellow color.

Prices, same as for Pride of the North.

WHITE CAP YELLOW DENT.

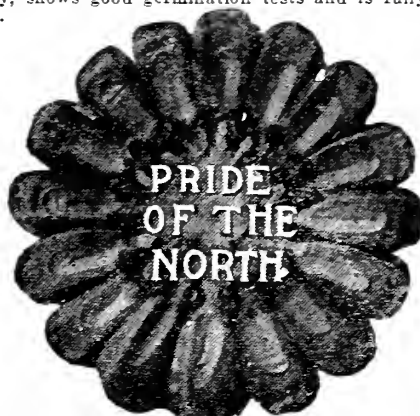
Nearly as early as Pride of the North, and considerably larger. It grows 6 to 7 feet high; abundant foliage; large, fine ears, 8 to 10 inches long, well filled to the tip; outer end of kernel white, balance amber yellow.

Prices, shelled only: Bu., \$1.90; 5 bus. at \$1.75; 10 bus. at \$1.65.

WISCONSIN WHITE DENT.

A well known early variety quite largely grown in Wisconsin.

Prices, same as for White Cap Yellow Dent.

**EARLY LONGFELLOW FLINT.**

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Kernels are large and wide, and cob very small. Ripens in 75 to 85 days, and very prolific.

Prices: $\frac{1}{2}$ pk., 40c; pk., 65c; bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.

SANFORD'S WHITE FLINT.

The ears are of unusual length, 12 to 15 inches, smooth and symmetrical in shape, of a flinty white color.

Prices, same as for Longfellow Flint.

KING PHILIP FLINT.

A very early 8-rowed red flint. Ripens in 80 days.

Prices, same as for Longfellow Flint.

CANADA SMUT NOSE FLINT.

A very popular extra early eight-rowed flint, specially valuable for northern planting. Ears are very long and bright golden yellow except the tips which are clouded.

Prices: Same as for Longfellow.

EARLY CANADA FLINT.

Long 8-rowed ears of bright golden yellow corn. Best for northern Minnesota and North Dakota.

Prices: Same as for Longfellow.

GIANT RED-COB ENSILAGE.

A pure white corn with red cob, which grows very large. No dairy farmer should be without it.

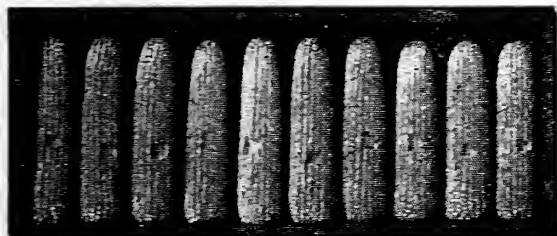
Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.75; 5 bus. at \$1.60; 10 bus. at \$1.50.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn.

Prices: $\frac{1}{2}$ pk., 40c; pk., 65c; bu. (measured), \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

(For other Sweet Corn, see Garden Seed pages.)

**JOHNSON COUNTY WHITE DENT.**

Ever since the National Corn Exposition at Chicago, fall of 1907, the agricultural papers have had a great deal to say about the wonderful corn from Indiana that netted its owner, Mr. L. B. Clore, a total of \$7,536.50 in cash and special prizes. In 1907, 1908, 1909 and Feb., 1911, this corn was awarded "Grand Sweepstakes" for the best 10 ears of corn of any color in the world.

Johnson County White Dent is a very highly bred pure white corn adapted to all of the corn belt.

Our illustration shows the prize winners at the National Corn Show of 1911. All we offer is from these 10 ears by an expert corn grower in Central Ohio.

Prices—Ears only: Bu., \$3.00; 5 bus. at \$2.85.

IOWA SILVER MINE.

A very famous white dent throughout the corn belt. Our stock is from the man who grew our Johnson County.

Prices—Ears: Bu., \$3.00; 5 bus. at \$2.85; 10 at \$2.75. Shelled: Bu., \$2.50; 5 bus. at \$2.35; 10 at \$2.25.

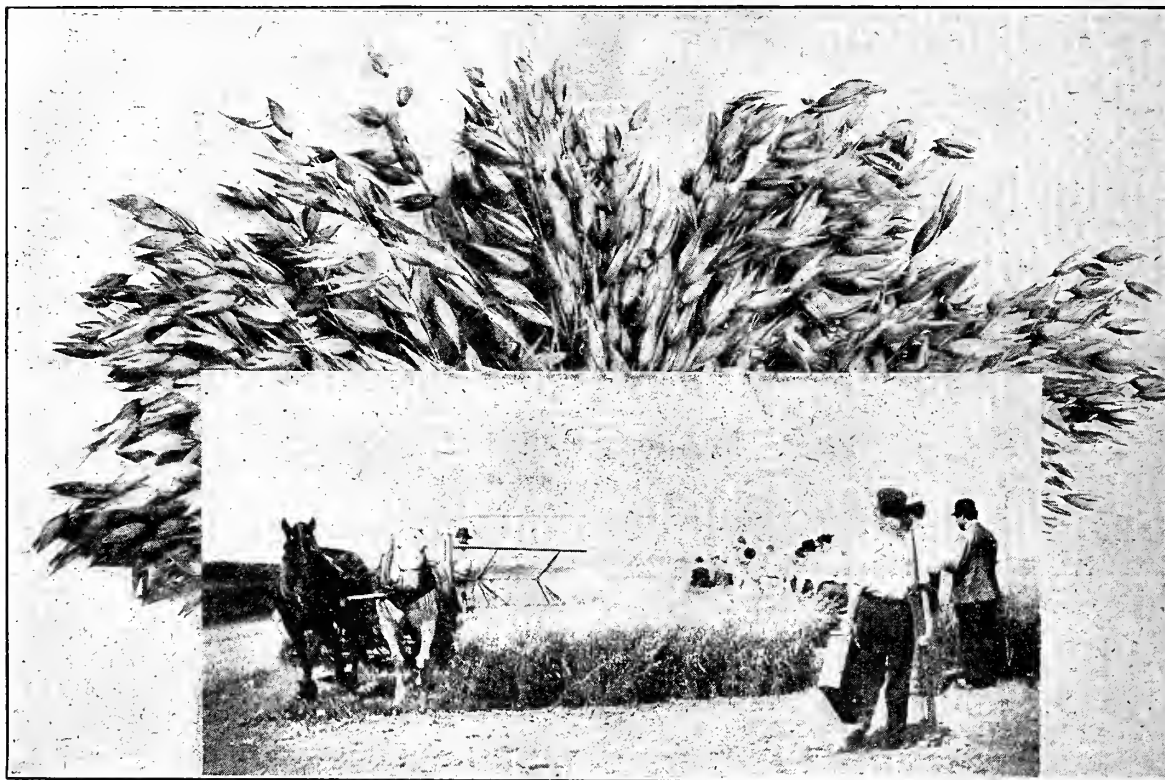
COMPLETE PRICE LIST.

	Ears (Crates Free)					Shelled (Bags Free)				
	$\frac{1}{2}$ peck	Peck	Bu.	5 bus.	10 bus.	$\frac{1}{2}$ peck	Peck	Bu.	5 bus.	10 bus.
GOLDEN GLOW, Wisconsin Grown.....	\$0.50	\$0.90	\$3.25	\$3.10	\$3.00	\$0.50	\$0.90	\$3.00	\$2.85	\$2.75
GOLDEN GLOW, Nebraska Grown.....	.40	.70	2.25	2.10	2.00	.40	.70	2.25	2.10	2.00
MURDOCK YELLOW DENT, Brueckner Stock.....	.70	1.15	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
MURDOCK YELLOW DENT, Other Wisconsin.....	.50	.90	3.25	3.10	3.00	.50	.90	3.00	2.85	2.75
MURDOCK YELLOW DENT, Nebraska Grown.....	.40	.70	2.25	2.10	2.00	.40	.70	2.25	2.10	2.00
SILVER KING, Wisconsin Grown.....	.50	.90	3.25	3.10	3.00	.50	.90	3.00	2.85	2.75
CLARK'S YELLOW DENT, Wisconsin Grown.....	.50	.90	3.25	3.10	3.00	.50	.90	3.00	2.85	2.75
IMPROVED 12-ROWED FLINT, Wis. Grown.....	.60	1.00	3.50	3.35	3.25	.50	.90	3.25	3.10	3.00
OLDS' WHITE FLINT, Wis. Grown.....	.70	1.15	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
IMPROVED SMUT NOSE FLINT, Wis. Grown.....	.65	1.10	3.75	3.60	3.50	.60	1.00	3.50	3.35	3.25
REID'S YELLOW DENT, Illinois Grown.....	.50	.90	3.00	2.85	2.75	.35	.60	1.75	1.60	1.50
REID'S YELLOW DENT, Nebraska Grown.....	.50	.90	3.00	2.85	2.75	.35	.60	1.75	1.60	1.50
JOHNSON CO. WHITE DENT, Ohio Grown.....	.50	.90	3.00	2.85	2.75	.45	.75	2.50	2.35	2.25
IMPROVED LEAMING, Illinois Grown.....	.50	.90	3.00	2.85	2.75	.40	.65	2.00	1.85	1.75
IMPROVED LEAMING, Nebraska Grown.....	.50	.90	3.00	2.85	2.75	.40	.65	2.00	1.85	1.75
IOWA SILVER MINE, Ohio Grown.....	.50	.90	3.00	2.85	2.75	.40	.65	1.90	1.75	1.65
PRIDE OF THE NORTH, Nebraska Grown.....	.40	.70	2.25	2.10	2.00	.40	.65	1.90	1.75	1.65
KING OF THE EARLIES, Nebraska Grown.....	.40	.70	2.25	2.10	2.00	.40	.65	1.90	1.75	1.65
WHITE CAP YELLOW DENT, Neb. Grown.....	.40	.70	2.25	2.10	2.00	.40	.65	1.90	1.75	1.65
WISCONSIN WHITE DENT, Nebraska Grown.....	.40	.70	2.25	2.10	2.00	.40	.65	1.90	1.75	1.65
GIANT RED COB ENSILAGE.....	.35	.60	1.75	1.60	1.50	.35	.60	1.75	1.60	1.50
EVERGREEN SWEET FODDER, Neb. Grown.....	.40	.65	2.00	1.85	1.75	.40	.65	2.00	1.85	1.75
EARLY CANADA FLINT, Nebraska Grown.....	.40	.65	2.25	2.10	2.00	.40	.65	2.25	2.10	2.00
EARLY LONGFELLOW FLINT, Nebraska Grown.....	.40	.65	2.25	2.10	2.00	.40	.65	2.25	2.10	2.00
SANFORD'S WHITE FLINT, Nebraska Grown.....	.40	.65	2.25	2.10	2.00	.40	.65	2.25	2.10	2.00
KING PHILIP FLINT, Nebraska Grown.....	.40	.65	2.25	2.10	2.00	.40	.65	2.25	2.10	2.00
CANADA SMUT NOSE FLINT, Neb. Grown.....	.40	.65	2.25	2.10	2.00	.40	.65	2.25	2.10	2.00

Half bushels at bushel rates. We sell by weight, except Sweet Corn. A bushel of shelled corn is 56 pounds net, a bushel of ears 70 pounds net. Less than one bushel ears shipped in sacks.

Sample ear, any variety offered on the ear, 20c by mail, 15c by freight. This may be deducted from first order for one bushel or over. Lb., by mail, 20c; by freight, 15c. Sample packets free.

OLDS' SEED OATS



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plat Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested and 33 Per Cent Higher than the Average of 42 Other Varieties.

WISCONSIN PEDIGREE No. 1.

BEST OAT FOR RICH SOILS.



Two years ago we had the honor of introducing this new oat of Prof. Moore's, that bids fair to prove a more valuable variety and become even more popular than the celebrated Swedish Select. It has outyielded everything thus far and it does not lodge even on rich soils. Out on the University Farm they call it the "best oat in the world."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. in 1912 for trial. Pedigree No. 1 proved the best of all the pedigree varieties and gave splendid results in every section.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select, with a somewhat shorter and stiffer straw and a little earlier in ripening. At the Wis. Ex. Station they make quite a point of the stiffness of the straw. They say: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodge."

Yield. The average yield of Wisconsin Pedigree Oats for 1913 as reported by 166 members of the Wis. Ex. Association was 52.8 bushels per acre as compared with 41.5 bushels, the average for all other varieties in Wisconsin; an increase of 27 per cent. The average for all oats that year for the whole country was 29.3 bushels per acre.

Value. We consider this the most valuable thing in the oat line ever introduced. The oats are heavy, good sized, with thin hull, outyield everything else, will grow on rich soils and stand up where other varieties go down.

PRICES OF WISCONSIN PEDIGREE No. 1.

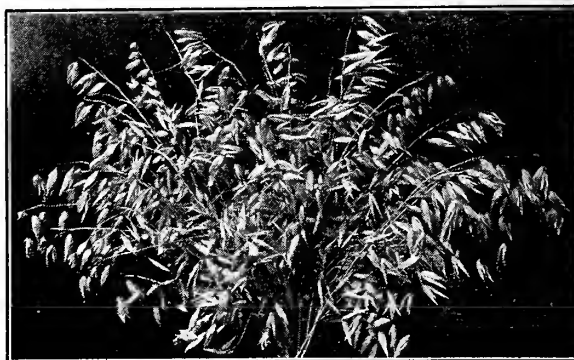
By mail: Lb., 20c. By freight or express: Lb., 15c; ½ pk., 25c; pk., 45c; bu. (32 lbs.), \$1.30; 2½ bus. at \$1.15; 10 bus. or over at \$1.05. (Sacks included.)

WISCONSIN PEDIGREE No. 5.

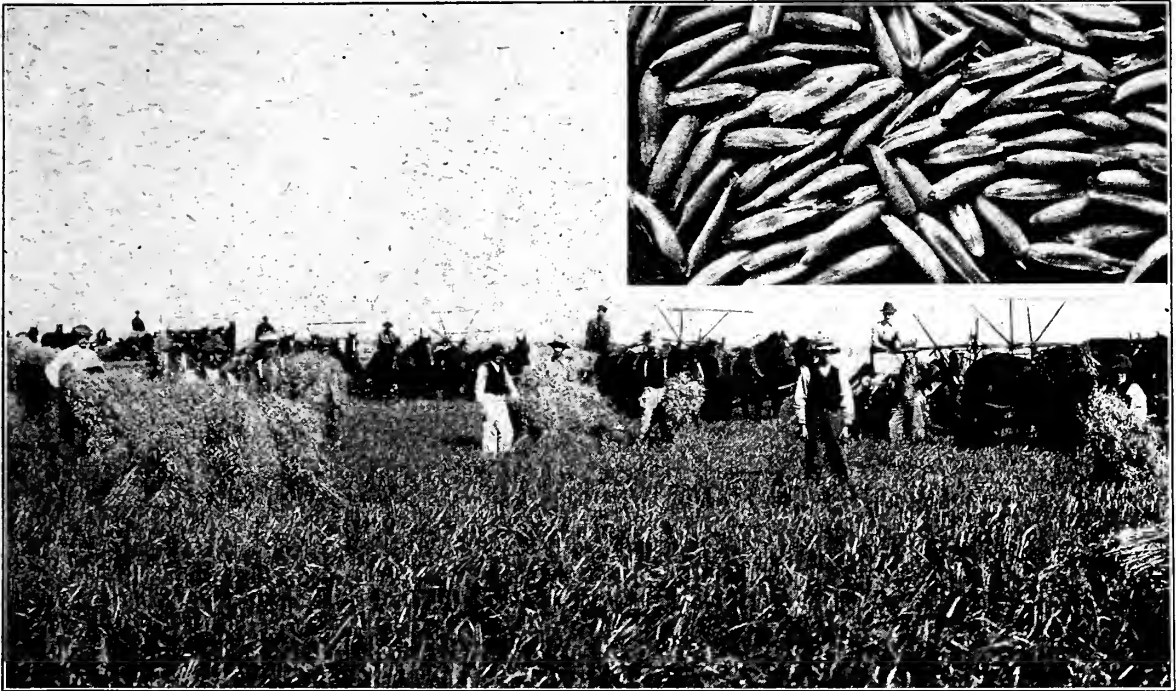


A new Pedigree Oat originated at the same time as Wisconsin Pedigree No. 1 at the Wisconsin Experiment Station. It is very different in type from No. 1 and has an entirely different origin, having been developed from Swedish Select. It is therefore in reality an improved Swedish.

Wisconsin Pedigree No. 5 is a very thick white oat, heavy and attractive looking and a great show oat. Pkt., 40c; bu., \$1.25; 2½ to 10 bus. at \$1.10; 10 bus. or over at \$1.00.



Wisconsin Pedigree No. 5.



Harvesting Our Regenerated Swedish Select Oats in Alberta, Canada. A few of the Grains Shown in the Upper Corner.

REGENERATED SWEDISH SELECT OATS.



Regenerated Swedish Select Oats originated with the Garton Seed Company of England. To "regenerate" is to make new, to re-create, and that is just what has been done by the Garton people. They chose Swedish as the "Best American Oat," and went to work to restore it to its original purity and vitality. They have done more than that. They have given us something ahead of the original Swedish Select. They have produced the finest oats ever seen in this country, heavy and plump, weighing over 50 pounds per bushel, perfectly pure.

Now we have a stock of Regenerated Swedish Select to offer our customers that we believe is ahead of the English grown stock, because better adapted to American conditions.

This stock, grown away in the Northwest is full of life and vigor and very fine. The oats are heavy, plump and bright, almost as fine looking as the original English stock. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three-kernel feature, a very common thing with Regenerated Swedish, is one reason for the yields.

In addition to our Canadian stock we have also some nice Wisconsin grown Regenerated Swedish Select.

PRICES REGENERATED SWEDISH SELECT.

Canadian Grown: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; $2\frac{1}{2}$ to 10 bus. at \$1.25; 10 bus. at \$1.15.

Wisconsin Grown: Pk., 35c; bu., \$1.20; $2\frac{1}{2}$ to 10 bus. at \$1.05; 10 bus. at 95c.

SWEDISH SELECT OATS (WIS. NO. 4.)

"Best American Oat."—U. S. Dept. of Agriculture.



This is the twelfth year we have offered Swedish Select Oats. We have sold over 100,000 bushels of them and were the first seedsmen to catalogue them. They seem to be just what is wanted in a first class oat—pure white in color, very plump, short and thick, medium early in season, very strong and vigorous in growth, unusually heavy in weight and the best of yielders.

Prices: Pk., 35c; bu., \$1.15; $2\frac{1}{2}$ bus. at \$1.00; 10 bus. or over at 90c.

REGENERATED BANNER.



The Garton people have applied their special regenerating process to the American Banner Oat as well as to the Swedish Select, and we have Canadian grown seed of this famous variety to offer.

This variety is a little later than Regenerated Swedish Select and not quite so coarse in straw. Kernels are a very little longer as our illustration shows. It is a remarkable yielder of good, big, plump, thin hulled grain and our stock is just as fine as the Regenerated Swedish stock.

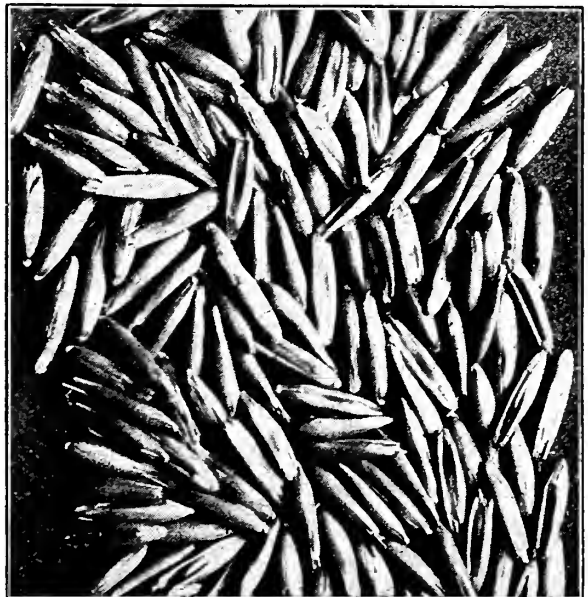
Prices—Canadian grown: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; $2\frac{1}{2}$ to 10 bus. at \$1.25; 10 bus. at \$1.15.

REJUVENATED WHITE BONANZA.

Another splendid new oat. Twenty years ago White Bonanza was one of the best if not the best variety of oats grown. It had wonderful vigor and yielding qualities and it is still doing well in some sections. It is the parent of our famous Wisconsin Pedigree No. 1.

Now we have Rejuvenated Bonanza which is just as its name states a Youth-Renewed White Bonanza. The oat is pure white, grows strong and stocky with very large bushy heads and the grain is very heavy.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.25; $2\frac{1}{2}$ to 10 bus. at \$1.10; 10 bus. or over at \$1.00.



Typical Kernels of Regenerated Banner.



17-Acre Field of White Kherson on Farm of Henry E. Krueger, which Yielded 1186 Bushels. Mr. B. G. Packer of the Wisconsin Immigration Bureau Pronounced this the Finest Field of Oats he had ever seen.

OLDS' WHITE KHERSON. (Iowa No. 103).

The Sweepstakes Oats at the International Dry Farming Congress of 1914.

Olds' White Kherson is a distinct new variety which originated at the Iowa Experiment Station. It was first sent out for trial two years ago to a select list of a few prominent farmers including Hon. H. E. Krueger, Wisconsin's famous grain expert. Mr. Krueger named these oats "White Kherson" because they possessed so many of the characteristics of the Kherson, being just as early but white instead of yellow. He says of them "They beat the Swedish Select 12 bushels per acre in 1913 and 28 bushels in 1914. They grow a short stiff straw so that every bundle is a mass of oats and we do not have to handle a lot of worthless straw." Mr. Krueger says they yielded 20 bushels more per acre than Wisconsin Pedigree No. 1, were 2 weeks earlier and were heavier, running 3 bushels per bag. 17 acres yielded 1186 bushels or 70 bushels per acre in a very unfavorable oat year.

Mr. Krueger showed these oats at the Dry Farming Congress Exhibition at Wichita, Kansas, last fall and secured "First on White Oats, Open to the World" and then "Sweepstakes" On All Oats.

Prof. Burnett of the Iowa Agricultural College says: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

We consider ourselves fortunate in being the first seed firm to offer these grand new oats. Wherever an extra early is needed or wherever the ground is rich and oats run to straw or fail to stand up, there this variety will prove a great acquisition and will bring money to the farmer who sows it. We urge our customers to buy liberally as we are sure they will not regret it. Our stock is of Mr. Krueger's own growing. Come early as there is only a limited quantity.

PRICES OF OLDS' WHITE KHERSON FOR 1915.

By mail: Lb., 30c; 3 lbs., 50c; by freight: Lb., 25c; ½ pk., 40c; pk., 60c; bu., \$1.75; 2½ bus. at \$1.60; 10 bus. or over at \$1.50.

BRIEF REPORTS FROM A FEW FARMERS WHO HAVE TRIED IOWA NO. 103.

H. U. Arthur & Sons, Iowa: "Our Kherson Oats went down badly but the Iowa No. 103 stood right up good, even in the richest spots of the field. They yielded double what most oats did here this year."

John Kierscht, Iowa: "They yielded 20 bushels more than Swedish Select on the same field."

Ray F. Bennett, Iowa: "I have grown different varieties of oats for the past 12 years but have grown nothing that I like as well as Iowa No. 103. They have stood the highest in yield and stood up the best on rich soil."

J. M. Maxwell & Son, Iowa: "These oats have outyielded all other varieties 10 to 20 bushels per acre in this locality. Our best field yielded between 70 and 75 bushels per acre by weight."

E. T. Rickard, Iowa: "80 pounds on one acre yielded 73 bushels. They are the only oat I expect to raise from now on."

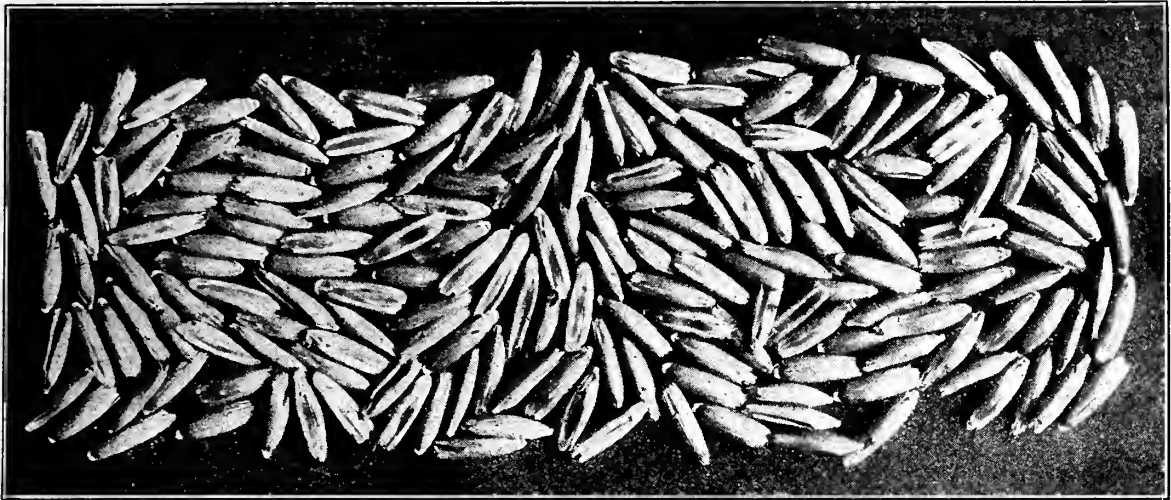
J. H. Dorenkamp, Jr., Iowa: "I think these oats are better by far than any I have ever seen. They yield 10 to 15 bushels more than common oats and the straw is much better feed."

F. L. Hochhaus, Iowa: "It outyielded other varieties 10 bushels per acre. Other varieties were badly infected with rust but Iowa No. 103 had none. Other varieties had considerable light oats but No. 103 had practically none."

C. A. Stuckey, Iowa: "These oats are superior to any oats ever introduced in this country. They are very stiff strawed, stood up better than ordinary oats and are among the earliest. They outyielded anything we ever had 10 to 15 bushels per acre. I showed these oats at three grain shows and won first every time."



A Lot of Oats on Every Stem.



Kernels of Olds' Montana Scottish Chief. All Bright and Heavy and All Just Alike.

OLDS' MONTANA SCOTTISH CHIEF.



A new variety that we offered last year for the first time. A thoroughbred, imported from Scotland a few years ago. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat" and on account of its fine appearance will always command the very best price on the market.

The stock that we offer was grown on the fine oat lands of Montana, where grain grows to perfection. They are about the brightest, prettiest oats we ever saw, weigh 45 pounds per measured bushel and we know will please all our customers who order them.

In addition to our Montana grown stock we have a few hundred bushels of Wisconsin grown Scottish Chief grown from Montana seed. This stock is not as heavy as the Montana but the oats are bright and clean.

Prices, Montana Grown: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.30; $2\frac{1}{2}$ to 10 bus. at \$1.15; 10 bus. or over at \$1.05.

Wisconsin Grown: Pk., 35c; bu., \$1.20; $2\frac{1}{2}$ to 10 bus. at \$1.05; 10 bus. or over at 95c.

GOLD MINE OATS.

Here is a variety of oats that after another year's trial we feel like pushing hard and recommending very highly. Our attention was first called to it four years ago by one of our growers near Madison who said it outyielded Big Four, Silver Mine, Swedish Select and every other variety.

We regard Gold Mine as a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. The hull is very thin and oats very attractive, of a shiny golden yellow color. The color may be objectionable in some sections but where yellow oats can be used these will be found wonderfully satisfactory. They always yield well and for feeding they are of course just as good as white oats.

Prices: Pk., 35c; bu., \$1.15; $2\frac{1}{2}$ to 10 bus. at \$1.00; 10 bus. or over at 90c.

SILVER MINE.

A well-known and very popular variety, first introduced in 1895. A plump, white oat, quite an early variety with smooth, shiny kernels. Always free from awns.

Prices: Pk., 35c; bu., \$1.15; $2\frac{1}{2}$ to 10 bus. at \$1.00; 10 bus. or over at 90c.

BLACK ANTHONY.

Black Anthony is a tall, strong-growing variety with stiff straw and heavy branching head. The grain is of large size, handsome in appearance and heavy in weight.

Prices: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.20; $2\frac{1}{2}$ to 10 bus. at \$1.05; 10 bus. or over at 95c.

WHITE PLUME.

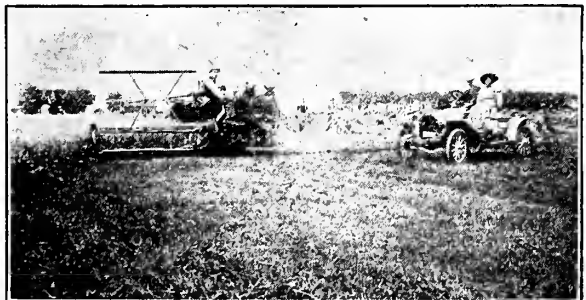
A popular variety that we offered for the first time four years ago. They are a pure white, thick, plump oat, clean, bright and heavy, with thin hull and thick meat. On Mr. Swain's farm they grew taller than the Swedish Select, yielded more and weighed more to the bushel.

Mr. G. A. Batz of Dane County grew 800 bushels machine measure from 8 acres, nearly 900 bushels by weight. Mr. E. C. Drunasky, another of our growers, threshed 1,000 bushels White Plume from 14 acres.

Prices: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.20; $2\frac{1}{2}$ to 10 bus. at \$1.05; 10 bus. or over at 95c.



Silver Mine.



White Plume on Farm of Willard Swain.

We make a specialty of choice northern grown seed oats, and are headquarters for pure stock. Our list of varieties is probably the largest and best that can be found anywhere in the United States. We will be glad to send free samples giving tests. Prices are intended to stand for the season as given. Special quotations on large orders.

OLDS' SEED BARLEY



Wisconsin Pedigree No. 5 Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre Right Through, Three Acres of it Going 65 Bushels Per acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY SIX YEARS IN SUCCESSION.

Wisconsin is a great barley state and Wisconsin barley leads the world. Twenty years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of anything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley, which we had the honor of introducing so far as the seed trade is concerned, offering it for the first time four years ago. To Prof. R. A. Moore, Agromomist at the Wis. College of Agriculture, belongs pretty nearly all the credit for giving this barley to the world, for it was through 12 years of painstaking breeding work that he was able to produce this wonderful barley.

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

First:—It outyields all others. The average yield in Wisconsin for 5 years has been 36½ bushels per acre, an increase of 22 per cent over the yield of all other barley.

Second:—Plumpness of grain. All who have grown it notice the unusually plump kernels.

Third:—Stiffness of Straw: Stands up better than Oderbrucker or Mandschueri.

Fourth:—Vigor of Growth. Taller than any other barley. We have measured stalks five feet high.

Fifth:—Uniformity. All the kernels are alike, an important matter with barley.

Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.

Seventh:—Light Color. It is brighter and whiter than other barley making it more attractive.

Eighth:—Large Heads. Many speak of the unusually long, large heads.

Ninth:—All-Around Excellence. As near perfection as perhaps it is possible to get barley.

Pedigree No. 5. There are several different strains or numbers of Wisconsin Pedigree Barley. Ours is Pedigree No. 5 of Oderbrucker origin and this is the one that has taken so many prizes. We bought our original seed stock of Mr. H. E. Krueger who had this barley from Prof. Moore two years ahead of others. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigreed Barley No. 5 the past seven years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." "Mr. Krueger has made himself as well as the state of Wisconsin famous through the prizes he has won.

The complete list of prizes won by Mr. Krueger on Wisconsin Pedigree No. 5 is as follows:

Sweepstakes, Open to the World, 1908, 1909, 1911, 1912, 1913 and 1914. International Corn Expositions.

First, Wisconsin Malting Barley, 1911 International Barley Exposition.

First for Best Barley Grown in Wisconsin, 1911 International Barley Exposition.

First, Six-Rowed Barley Grown in the West, 1911 International Barley Exposition.

First, American Prize, Six-Rowed Barley, 1911 International Barley Exposition.

First, Wisconsin State Fair, 1908, 1909, 1910 and 1911.

First, 1914 International Dry Farming Congress, Wichita, Kansas.

We are glad to be able to announce this year that we have secured all of Mr. Krueger's 1914 crop of barley for our customers. This barley is a little colored but is very plump, much plumper than last year's barley, is pure and clean and was grown by Krueger, the most famous pedigree barley expert in the United States. Let us know when you order if you want the Krueger stock. It will cost you 25 cents more than other stock. Our main stock of Pedigree No. 5 was mostly grown right here near Madison by J. M. Blaska, who has grown for us for five years straight, by John Blaska, A. V. Bronner, and others. There is no better Barley section in the world than Dane County.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1915.

Krueger Stock: ½ pk., 30c; pk., 50c; bu. (48 lbs.), \$1.60; 2 to 10 bus. at \$1.45; 10 bus. or over at \$1.35. Prices include sacks.

Other Wisconsin Stock: Pk., 45c; bu., \$1.35; 2 to 10 bus., at \$1.20; 10 bus. or over at \$1.10.

OLDS' MONTANA WHITE HULLESS.

No Beards or Hulls. Yields 60 Bushels Per Acre.



White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and for feeding value is not surpassed by any other grain. Sow in spring, $1\frac{1}{2}$ bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have been having White Hulless Barley grown in Montana. Our customers who have had this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger.

Prices (Genuine Montana Grown): $\frac{1}{2}$ pk., 25c; pk., 45c; bu. (48 lbs.), \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40.

(Prices include seamless cotton grain bags.)

MONTANA TWO-ROWED BARLEY.

We have some very fine Two-Rowed Barley to offer this year. grown in Montana. This is beautiful grain—plump, heavy, very large, thick kernels.

In many sections two-rowed barley does better than six-rowed. It is the favorite barley with German and Austrian farmers and it has also been highly recommended for this country by the U. S. Dept. of Agriculture. It is noted for its earliness and mealiness of grain, as well as its plumpness of kernel and heavy yielding capacity. Great for exhibition purposes.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.50; 2 to 10 bus. at \$1.40; 10 bus. or over at \$1.30.

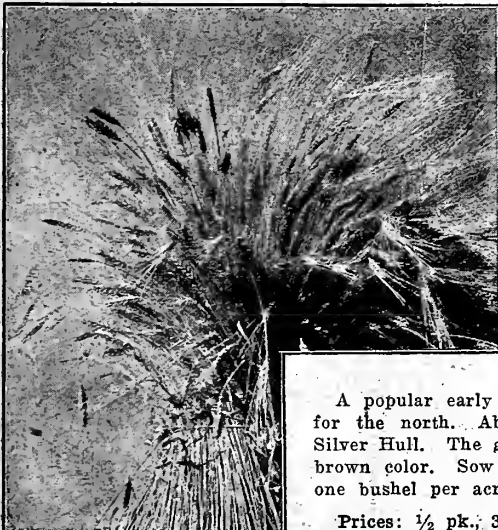
SPELTZ OR EMMER.

THE GREAT RUSSIAN GRAIN.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown successfully anywhere.

Second. It yields more bushels per acre than either oats or barley.



Sheaf of Speltz.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth where barley fails entirely.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge. The straw is about as stiff as rye straw.

Fifth. It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn, pound for pound.

Sow the same as barley or oats about 100 pounds or $2\frac{1}{2}$ bushels per acre. It ripens about with oats and in fact is often sown with oats for horse feed.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu. (40 lbs.), \$1.25; 2 to 10 bus. at \$1.10; 10 bus. or over at \$1.00.

JAPANESE BUCKWHEAT.

A popular early variety of buckwheat best for the north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow from June 10 to July 10, one bushel per acre.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.50; 2 to 10 bus. at \$1.35; 10 bus. or over at \$1.25. (Sacks free.)

SILVER HULL BUCKWHEAT.

A favorite variety with millers. It has a rather small grain, light gray in color, nearly round in shape.

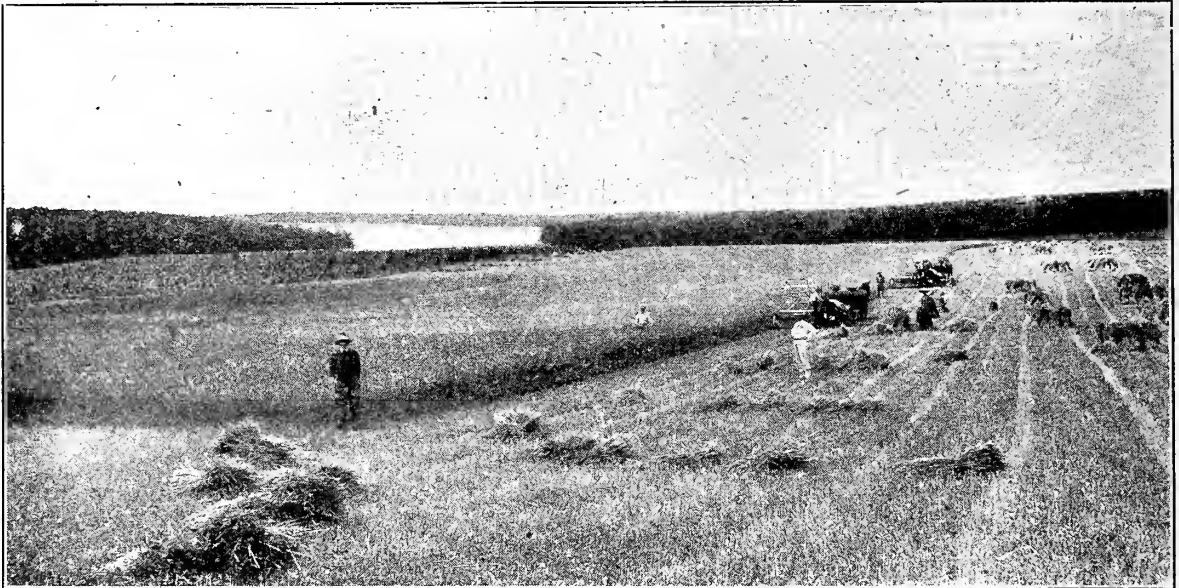
Prices, same as for Japanese.

Note.—Write for prices on buckwheat later in the season. Market is liable to change very much before time for sowing.

Ask for free samples of any varieties of grain that you think of purchasing. See what we say about samples and about tested seeds on page 2. Buy State Inspected Seeds and take no chances.



OLDS' SEED WHEAT



Field of Marquis on Farm of A. V. Bronner, near Madison. Certainly it is Adapted to Wisconsin.

MARQUIS SPRING WHEAT— Best of All.

This is the wheat that was awarded the **World's Championship Prize of \$1,000** at the New York Land Show in 1912. Canadian farmers of the Northwest are all wild about it because of its earliness and big yields.

All through Canada and the Dakotas Marquis is fast displacing all other varieties.

Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Grains are shorter and wider and of a deeper amber color.

Dr. Saunders says of this wheat:

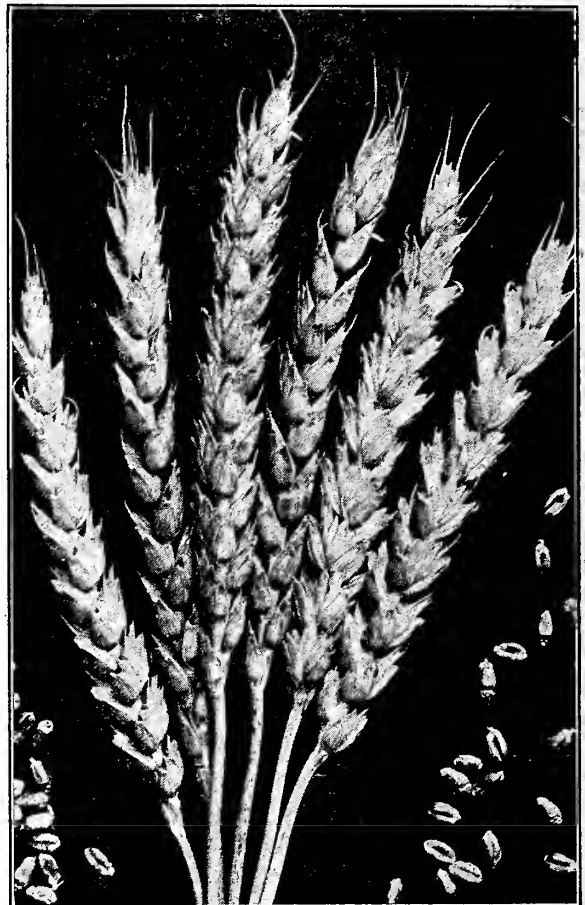
"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield on a one-fortieth acre plot was at the rate of 81½ bushels. Under field conditions our highest record is over 53 bushels per acre. Marquis is an excellent hard wheat with somewhat shorter and stronger straw than most varieties and ripening about a week earlier than Red Fife."

We are glad to be able to tell our customers after another year's experience with Marquis Wheat that it has proven itself splendidly adapted to Wisconsin and other states of same latitude. All who tried it last year so far as we have heard from them are well pleased. H. E. Krueger, originator of World's Champion and Blue Ribbon Wheat, sowed some of our Marquis last year and he thinks so well of it that he is planning to raise a large acreage the coming season. The field of Marquis grown for us by Mr. Bronner, as shown in our illustration above, was as fine a field of Wheat as we have ever seen.

Our main stock of Marquis this year is Dakota grown and is clean, plump and fine. We have also some Wisconsin Marquis, grown from Canadian seed of last year, which is nice and clean, but not quite as plump as the Dakota stock. Some may prefer it however, because there will be no question about its being acclimated. We will sell both lots at the same price as long as they last. Mention your preference if you have any.

Prices, by mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 40c; pk., 65c; bu. (60 lbs.), \$2.35; 2 to 10 bus. at \$2.20; 10 bus. or over at \$2.10.

(Wheat prices include regular cotton grain bags.)



Heads and Grains of Marquis. No Beards.

BLUE RIBBON SPRING WHEAT.

The Prize Milling Wheat of the World.



Krueger's Blue Ribbon is a new spring wheat that we introduced four years ago.

It originated with Mr. H. E. Krueger of Wisconsin, and as shown by him at the 1909 National Corn Exposition won first prize in the "Milling Contest, Open to the World." This was in competition with all the great spring wheat country of the Northwest.

Blue Ribbon is a bearded wheat with plump berry and a very short stiff straw. It is an early variety maturing about 10 days earlier than most wheat. It is also a great yielder.

Our stock is all Wisconsin grown.

Prices: $\frac{1}{2}$ pk., 35c; pk., 65c; bu., \$2.25; 2 to 10 bus. at \$2.10; 10 bus. or over at \$2.00.

DURUM WHEAT. (MACARONI).

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It is very productive, yielding as high as 50 bushels per acre; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat.

Prices: $\frac{1}{2}$ pk., 35c; pk., 65c; bu., \$2.25; 2 to 10 bus. at \$2.10; 10 bus. or over at \$2.00.

SCOTCH FIFE.

This is the famous old reliable Red Fife so long raised in the Red River Valley and throughout the Northwest.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; 2 to 10 bus. at \$1.85; 10 bus. or over at \$1.75.

**MINNESOTA NO. 169
SPRING WHEAT.**

First sent out by the Minnesota Experiment Station in 1902, ten years after being started from a single seed of Blue Stem. For 8 years on the Minnesota Station Farm it averaged 18 per cent more than its parent.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; 2 to 10 bus. at \$1.85; 10 bus. or over at \$1.75.

WORLD'S CHAMPION WINTER WHEAT.

Highest Priced Wheat in the World.

Original Stock Sold at \$832.00 per Bushel.



This is the wheat that won the "World's Championship" at the International Exposition at Omaha in 1909, in competition with the whole world. Mr. H. E. Krueger of Wisconsin originated the wheat and after securing the highest award on his half-peck at the Omaha show bought it back at auction paying \$104.00 or at the rate of \$832.00 per bushel, the highest price ever paid for wheat.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; 2 to 10 bus. at \$1.75; 10 bus. or over at \$1.65.

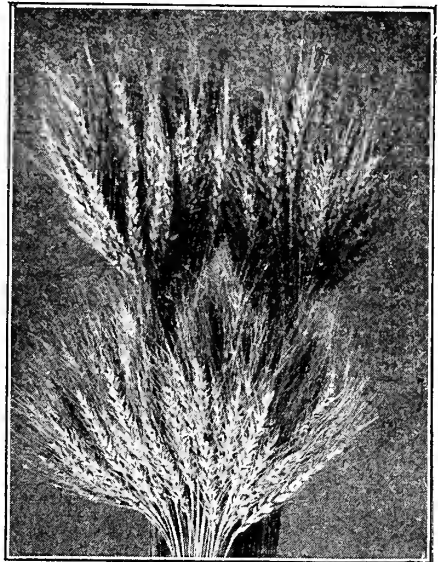
TURKEY RED NO. 42.

Yield Record 48 Bushels Per Acre.

Turkey Red is probably the most popular and best known variety of Winter Wheat. Its hardiness and heavy yielding quality have placed it at the head for northern sowing, and it is without doubt the best type of red bearded winter wheat.

Our Turkey Red No. 42 was the best from 1,000 individual heads for yield, quality, shape of kernel and stiff straw.

Prices: Same as for World's Champion.



Krueger's Blue Ribbon Wheat.



Assemblyman H. E. Krueger and His World's Champion Wheat.

**WISCONSIN
NO. 18.**

Wisconsin's Best.



"The best winter wheat thus far put out by the Wisconsin Experiment Station."

This wheat, which is a hard red bearded variety, came to Wisconsin from the Minnesota Station in 1903. After having ten years of breeding work put on it, it was first offered by us two years ago. Our stock is all grown for us by farmers near Madison. See photograph on farm of J. M. Blaska. This field yielded 40 bushels per acre and would have yielded more if the wheat had been sown earlier.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; 2 to 10 bus. at \$1.75; 10 bus. or over at \$1.65.

Note—Write for Winter Wheat prices next summer when ready to sow. All wheat prices are subject to change,



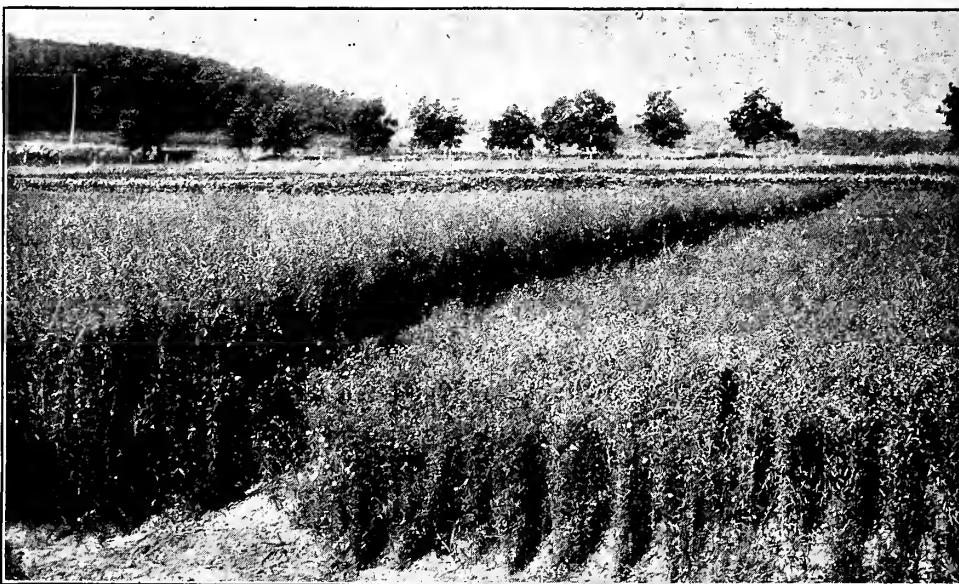
The Bundles are Thick if you Sow Wisconsin No. 18. Photographed July 24, 1914, on Farm of J. M. Blaska, near Madison.

PRIMOST FLAX.

(Minnesota No. 25)

This is a new pure-bred variety of flax from the Minn. Ex. Station, very much superior to common flax. As compared with the average of three other commercial varieties, Primost showed an increase in yield of 22 per cent and is pronounced by the Minnesota Station as the "best yielding variety" on their list. Our stock is North Dakota grown, and the best that can be obtained.

Prices: $\frac{1}{2}$ pk., 40c; pk., 75c; bu., (56 lbs.), \$2.75; 2 to 10 bus. at \$2.60; 10 bus. at \$2.50.



Test Plot of Primost Flax at Minnesota Experiment Station.

NO. 52 RESISTANT FLAX.



A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant. It has successfully endured two of the hardest years ever known in North Dakota and where the test was made outyielded all other varieties. Prof. Bolley is recommending it to all flax growers.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.85; 2 to 10 bus. at \$2.70; 10 bus. or over at \$2.60.

OLDS' MAMMOTH SPRING RYE.



Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop and the convenience of being able to sow rye in the spring. Grows a tall strong straw, six feet high and produces 30 to 40 bushels per acre.

Prices: $\frac{1}{2}$ pk., 35c; pk., 65c; bu., (56 lbs.), \$2.25; 2 to 10 bus. at \$2.10; 10 bus. at \$2.00.

WISCONSIN PEDIGREE NO. 1 RYE.

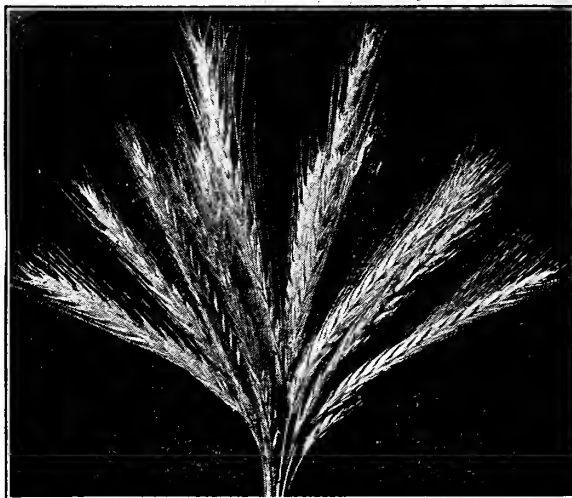
Awarded World's Championship at the Corn Exposition Two Years in Succession. Yield at Wisconsin Ex. Station Farm, 46 Bushels Per Acre.



A new variety of fall rye, the result of 12 years' careful breeding at the Wisconsin Experiment Station on Petkus and Schlansted as a foundation. The aim has been in this breeding to produce "uniformity of kernel and high yield."

Wisconsin Pedigree Rye grows a very strong, stiff straw standing up well even on rich ground. The heads are of unusual length far surpassing any other rye and the kernels are the largest and plumpest ever seen.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., (56 lbs.), \$1.75; 2 to 10 bus. at \$1.60; 10 bus. at \$1.50.



Heads of Mammoth Spring Rye.

NEW PETKUS RYE.

With the exception of the new Wisconsin Pedigree, the best variety of fall rye grown.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.70; 2 to 10 bus. at \$1.55; 10 bus. or over at \$1.45.

(Write for new prices on rye next summer.)

DWARF ESSEX RAPE.

Largely sown everywhere. It furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown any time from early spring until September, with grain or alone. 5 to 10 pounds of seed per acre is sufficient, less if sown with grain.

A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex, entirely free from bird rape, mustard or anything of that sort. The Dwarf Essex is the only desirable variety.

Owing to the war in Europe seed is higher than usual and prices on 100 pounds and over are subject to change.

Prices: Lb., 20c; 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$2.50; 100 lbs., \$9.50; 500 lbs., at \$9.00.



"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers," Breeders' Gazette.



A Soy Bean Field which made 2½ Tons of Good Hay per Acre. Sown June 1. Photographed Sept. 15.

SOY BEANS.

Soy Beans have a double value. First, they are great for feed, and second, they are nitrogen gatherers and enrich the soil wherever grown.

They are being raised with success now in all the northern states as well as in the central and southern states and are especially valuable for sandy soils. Many northern farmers are planting with corn for ensilage. One to three pecks of seed is required per acre. Do not plant too early. Use inoculation to insure a strong, vigorous growth. See page 92.

Prices, by mail: Pkt., 5c; lb., 20c; 2 lbs., 30c. By freight: 2 lbs., 20c; ½ pk., 60c; pk., \$1.00; bu., (60 lbs.), \$3.50; 2 bus. or over at \$3.25.

ITO SAN. Produces small yellow beans. Quite early and therefore valuable for the north. Matures in 95 days.

BLACK BEAUTY OR EBONY. Seeds are small, jet black and shiny. Yields a third more than Ito San, but not as early.

MEDIUM GREEN. Largest grower, hence the best for ensilage or hay. Planted June 1st with corn, it is ready for the silo with the corn.

COW PEAS.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose Cow Peas are excellent, especially for medium or light soils. They should be sown broadcast in May or June, at the rate of 1½ bushels to the acre.

WHIPPOORWILL. A well-known and standard variety.

Prices: ½ pk., 50c; pk., 90c; bu. (60 lbs.), \$3.00; 2 bus. or over at \$2.85.

NEW ERA. Two weeks earlier than Whippoorwill.

Prices: Same as for Whippoorwill. (Cow Pea prices subject to change.)

OLDS' PURE SEED BEANS.

TRUE NAVY. The standard white bean. Pure stock.

Prices, by mail: Pkt., 5c; lb., 20c; 2 lbs., 30c. By freight: 2 lbs., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.75; 2 bus. at \$3.50.

SWEDISH BROWN. A great yielder. Prices, same as for True Navy.

RED KIDNEY. A large handsome red bean.

Prices, by mail: Pkt., 5c; lb., 25c; 2 lbs., 40c. By freight: 2 lbs., 30c; ½ pk., 70c; pk., \$1.25; bu., \$4.50; 2 bus. at \$4.25. (Bean prices subject to change.)

OLDS' FANCY WISCONSIN FIELD PEAS.



WHITE CANADA. The best known variety and the one usually sown. Sow 1½ to 2 bus. per acre broadcast, with oats. Prices: ½ pk., 40c; pk., 75c; bu., \$3.00; 2 bus. or over at \$2.85. (Prices subject to change. Special prices in quantity.)

GREEN CANADA. Preferred by some to the white. Prices, same.

SCOTCH BEAUTY. A blue pea of very fine quality and also a heavy yielder. Prices, Fancy Wisconsin: Same as for White Canada.

WHITE MARROWFAT. Vines large with well-filled pods of large peas. Prices, Wisconsin Grown: ½ pk., 55c; pk., \$1.00; bu., \$3.75; 2 bus. at \$3.60.

WINTER OR HAIRY VETCH—(Vicia Villosa.)

A most valuable leguminous plant. Brings an immense amount of fertility to the soil, as well as making splendid pasture. Remains green all winter. Sow in either fall or spring, 20 to 30 pounds per acre with a half bushel of rye or oats for support.

Prices, by mail: (Cockle free seed). Pkt., 5c; lb., 30c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.65; 25 lbs., \$3.75; 100 lbs., \$14.00.

(Everything listed on this page belongs to the family of legumes and for best results the seed should be inoculated before sowing with either Nitragin or Standard Inoculation. See page 92 of this catalogue.)



Winter Vetch.

EARLY AMBER CANE (Sorghum.)

Great for feed as well as for making syrup. Every stock farmer in the northwest should have some. It can be easily grown on any good corn ground and yields big crops of the very best quality of fodder. The fodder is sweet and tender and greedily eaten by cattle, horses and hogs. We know of farmers in Wisconsin who grow a few acres every year for winter feed for their horses, sowing the seed broadcast and cutting and stacking the crop just like hay. It makes splendid cheap feed grown in this way.

Sow at corn planting time, broadcast or with grain drill 40 to 50 pounds per acre. Or the seed can be planted in rows like corn and cultivated and that way a larger yield secured. If designed for syrup it must be cultivated, but 15 pounds will seed an acre.

Northern Grown (Fancy Minnesota Seed). Best for syrup: Lb., 15c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$5.00. Add for postage if to go by mail.

Southern Grown. Best for fodder: Lb., 15c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.25. Postage extra.

WHITE KAFFIR CORN.

Largely grown in the south, and now coming into favor with northern farmers. It grows 5 or 6 feet high, with

a straight upright growth and numerous broad leaves. It makes the best kind of fodder for cattle or horses, and is easily grown. The seed is splendid for poultry.

Sow in rows $2\frac{1}{2}$ to $3\frac{1}{2}$ feet apart and cultivate the same as corn, but do not sow until the ground is thoroughly warm. Five to ten lbs. will seed an acre if sown in rows, or $\frac{1}{2}$ bu. broadcast.

Prices: 1 lb., 15c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.25.

(Add for postage if to go by mail. Special prices in large lots.)



Sudan Grass.



Early Amber Cane, Grown for Feed.

SUDAN GRASS.

The Great New Hay Crop.

Of the new things for 1915 Sudan Grass seems to be attracting more attention than anything else. It was first introduced into the United States in 1909 from Sudan under the name of Garawi. Tests were made in all parts of the United States. As a result of the tests the Department of Agriculture reports that Sudan Grass will be of the greatest value in the western and southwestern states where the rainfall is deficient. The Department also reports that it will make just as good yields in most of the central and northern states, and will grow nearly everywhere.

Sudan Grass is strictly an annual and dies each year like Millet. It belongs to the sorghum family. Is best sown broadcast or with a drill when it can be cut with a mower and treated like any other hay. It grows 3 to 5 feet high or if grown in rows and cultivated reaches a height of 6 to 9 feet. Then it becomes coarse and woody. Sow about corn planting time after the ground becomes warm. 10 to 15 pounds will seed an acre.

We would like to see all our customers try Sudan Grass as we believe it is well worth trying. In many sections it will prove a bonanza. As far north as Brookings, S. Dak., it has given splendid results outyielding Millet by far.

Prices, by mail: Pkt., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25; 5 lbs., \$4.75. By freight: Lb., \$1.20; 5 lbs., \$4.50; 10 lbs., \$7.50; 100 lbs., \$65.00.

Note—Do not ask us for free samples of any seeds where a packet price is named. Will gladly furnish free mailing samples of any others.

FETERITA.

The New Drouth-Resistant Plant.

Feterita is just a recent introduction and it has already made a great name for itself in the drouth-stricken southwest country. It is 25 days earlier than Kaffir Corn, outyields Kaffir by far and is little affected by drouth.

The government experts say: "Experiments so far indicate that its earliness, its rather low water requirements, its satisfactory yields, and the ease with which it may be harvested, give it a real place among the sorghums, either for grain or combined grain and forage purposes."

Prices, by mail: Pkt., 5c; lb., 25c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 85c; 100 lbs., \$5.00.

YELLOW MILO MAIZE.

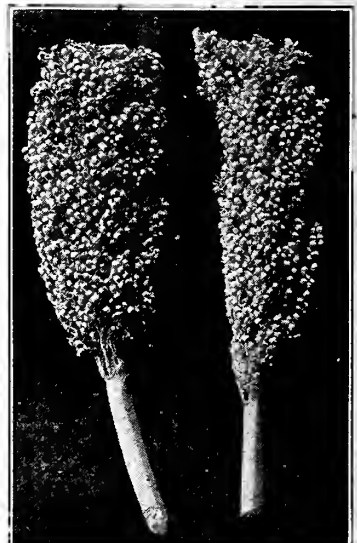
A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing $\frac{3}{4}$ of a pound each. Plant same as Kaffir Corn.

Prices: Lb., 15c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.50. (Add for postage if to go by mail.)

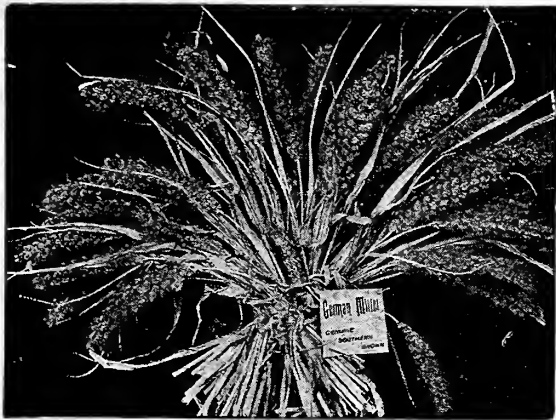
IMPROVED EVERGREEN BROOM CORN.

The most popular variety of Broom Corn. Cultivate same as corn or sorghum.

Prices: Lb., 15c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.50. Postage extra.



Feterita, the Great Drouth-Resister.



GERMAN MILLET.

Grows larger than Common Millet, and is more productive. Our seed is grown in the southwest, and is brighter and finer looking than northern grown. It will yield more, too. Here is a case where southern grown seed is better than northern. Sow $\frac{1}{2}$ bushel to 3 pecks per acre.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.60; 100 lbs., \$3.00. All Millet prices subject to change. Write for samples and special prices when ready to buy, or see red list.

SIBERIAN MILLET. Hardier than German Millet, and seed cheaper. Pk., 40c; bu., \$1.35; 100 lbs., \$2.50.

COMMON MILLET. Present prices same as for Siberian. Subject to change.

HUNGARIAN. Preferred by some to German Millet, as it is about a week earlier. Does not grow as large, but makes finer hay.

Prices: Choice seed, pk., 40c; bu. (48 lbs.), \$1.40; 100 lbs., \$2.60. Subject to change.

HOG OR BROOM CORN MILLET. Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry, hogs and other stock.

Prices: Pk., 50c; bu., \$1.50; 100 lbs., \$2.75.

EARLY FORTUNE MILLET. A new variety great for the Northwest. Two weeks earlier than German Millet. Pk., 50c; bu., \$1.60; 100 lbs., \$3.00.

JAPANESE MILLET. (BILLION DOLLAR GRASS.)

Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; makes more hay than German or any other kind of millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will yield about as many bushels per acre as oats. The seed can be used for feed, and is especially fine for poultry.

Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out. Or it can be left to ripen and then threshed the same as timothy. Our halftone illustration, showing heads of Japanese Millet over six inches long, as picked from the field of one of our growers, gives some idea of the immense seed production—a handful of seed from every head.

Prices: $\frac{1}{2}$ pk., 40c; pk., 75c; bu. (40 lbs.), \$2.35; 100 lbs., \$5.50.

(Crop short. Prices subject to change.)

(One pound, any one of the above varieties, by mail, 20c; by freight, 15c. All prices on this page include bags.)

HEMP SEED.

Hemp is now being grown for fiber purposes with splendid success in Wisconsin and other northern states. Sow in early spring; 40 lbs. per acre, either with drill or broadcast.

MINNESOTA NO. 8. The best variety and a great improvement over common hemp.

Prices, by mail: Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.80; 100 lbs., \$15.00.

COMMON HEMP. 5 lbs., 90c; 10 lbs., \$1.65; 100 lbs., \$13.50.

GIANT SPURRY.

Enriches the soil and makes excellent pasture. Sow in April or May, 10 to 15 lbs. per acre.

Prices, by mail: Pkt., 5c; lb., 20c. By freight: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.00.

MAMMOTH RUSSIAN SUNFLOWER.

Grows to immense size. Plant some for the chickens.

Prices, by mail: Pkt., 5c; lb., 25c; 2 lbs., 40c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$7.50.

PENCILARIA.

Pencilaria is a species of Pearl Millet adapted to the north, although it looks and grows more like cane or kaffir corn.

A yield of 95 tons per acre of green fodder is claimed, and 16 tons of good hay. The secret of it is it can be cut four or five times in one season. Grows to a height of 12 or 14 feet if left long enough, but should be cut when only half that height, as it is more tender. Sow at corn planting time, 2 pounds per acre in drills 2 to 3 feet apart, or 15 pounds per acre broadcast.

Prices: Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 30c postpaid. By freight: Lb., 25c; 5 lbs., \$1.00; 25 lbs., \$3.75; 100 lbs., \$13.50.

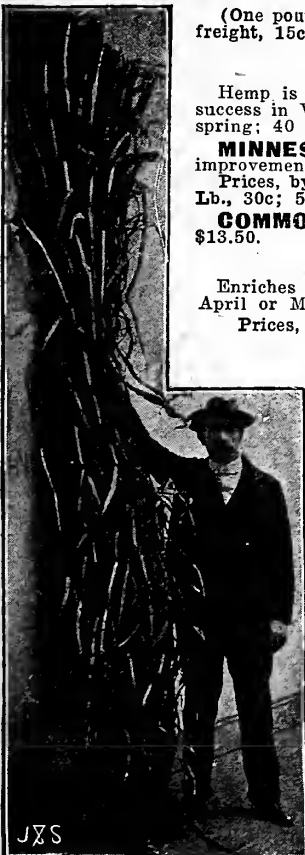
TEOSINTE.

A gigantic fodder plant somewhat resembling corn but with larger and broader leaves and sweeter stalks. It stools out enormously, growing a large number of stalks from each seed. It may be cut green all through the summer for cattle and horses, and also makes splendid dry fodder. Stockmen, try Teosinte this year. Sow in May or June, two seeds in a hill, 3 to 4 feet apart each way.

Prices: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 3 lbs. (enough for an acre), \$2.50 postpaid.



Japanese Millet.



JXS

Teosinte, Grown in the North.

OLDS' CLOVERS AND GRASSES

Clover, Alfalfa and Timothy seed make up a large part of our business. We buy large quantities, often in car loads and secure much of our stock direct from the farms where the seed grew. We are right under the wing of the Wisconsin College of Agriculture. They test our seed, assist us in buying and, tell us what strains to recommend and where to secure the best seed. As we write this page our stocks are coming in and will be the finest we ever had.



Field of Red Clover in Full Bloom.

OLDS' CLOVER SEED.



High grade, re-cleaned Clover Seed is one of our specialties. The yield of Clover in Wisconsin the past season was large and we have some splendid seed to offer our customers. This seed we have thoroughly re-cleaned, taking out the light shrunk seeds and it is all University tested, and free from noxious weeds.

Right here we want to warn our customers against buying clover seed that has not been tested. You don't want to sow buckhorn. It is a noxious weed and is very common in Clover seed. It is in all the foreign seed and in much of the American grown. In fact some sections of Wisconsin have it. It is not safe to buy of your neighbor unless tested. Furthermore a farmer who sells you seed without having it tested violates the law and is liable to fine.

Prices of Clover Seed can never be fixed definitely to last throughout the season. The prices named below are those in effect Jan. 1, 1915, and are subject to market changes. Write for latest price list and samples giving tests or if desired we will fill the order to the best of our ability, sending as much seed as the money will pay for at our ruling price at the time the order is received. Our Old Gold Brand represents the best; and small orders are always filled with that grade.

MEDIUM OR RED CLOVER.

Prices, by mail: Old Gold Brand: Lb., 30c; 3 lbs., 85c. By freight: Old Gold Brand: Lb., 25c; 5 lbs., \$1.00; peck, \$2.60; bu. (60 lbs.), \$10.00; 5 bus. at \$9.85. Bags extra at 22c.
Choice Brand: Bu., \$9.50; 5 bus. at \$9.35.
Good Brand: Bu., \$9.00; 5 bus. at \$8.85.

MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and as a fertilizer. Prices, 25 cents per bushel more than for same grades of Medium.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. The only clover that will not kill out on wet land.

Prices, by mail: Old Gold Brand: Lb., 30c; 3 lbs., 85c.
By freight: Old Gold Brand: Lb., 25c; 5 lbs., 95c; peck, \$2.50; bu. (60 lbs.), \$9.75; 5 bus. at \$9.60. Bags extra.
Choice Brand: Bu., \$9.25; 5 bus. at \$9.10. Good Brand: Bu., \$8.75; 5 bus. at \$8.60.

OLDS' CLOVER MIXTURE.

A mixture of Medium, Mammoth and Alsike Clovers in the best proportion for a permanent stand. We recommend this for sowing with our Permanent Grass Mixtures.

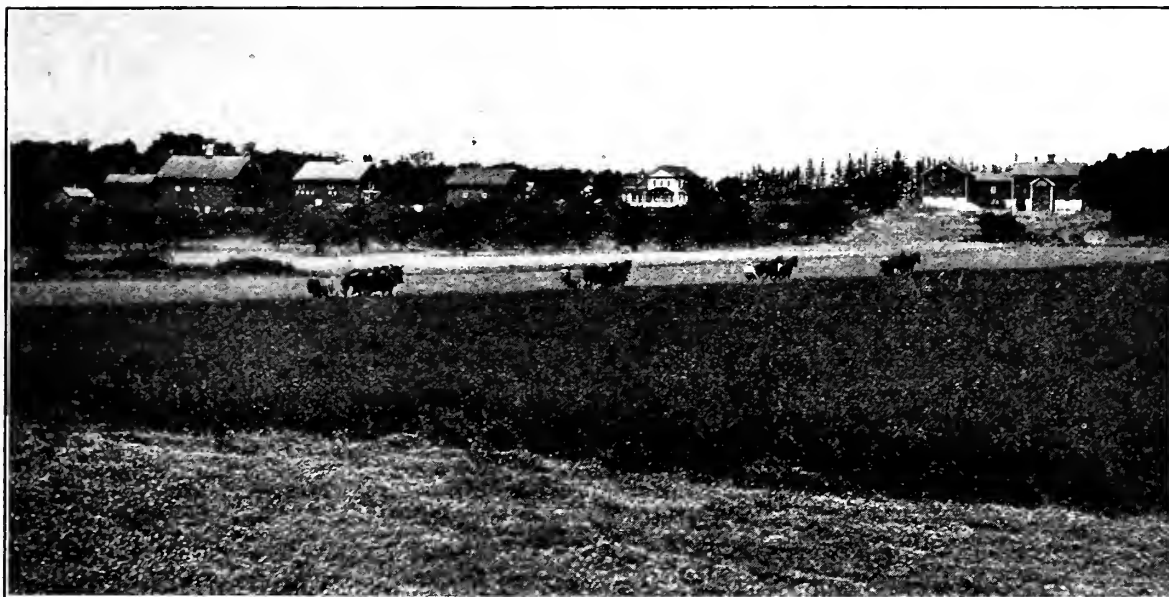
Prices, by freight: Lb., 25c; pk., \$2.60; bu. (60 lbs.), \$10.00. Bags extra.
WHITE DUTCH CLOVER. Desirable for pasture mixtures. Also fine for lawns. The White Clover crop was again short the past season and prices are very high.
Prices—Old Gold Brand, by mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 5 lbs., \$1.75; pk., \$5.00; bu. (60 lbs.), \$19.00.
Choice Brand: Bu., \$17.50.

CRIMSON CLOVER. Also called Giant Incarnat. An annual clover largely used in the east and south. Sow in April or May, 15 lbs., per acre, or in the north in July.

Prices, by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$12.00.



Alsike.



107 Acres Alfalfa on Farm of Swartz Bros., Waukesha, Wis., that yielded 535 Tons of Splendid Hay, Valued at \$20.00 per Ton, or \$100.00 per Acre.

OLDS' FANCY ALFALFA SEED.



Alfalfa is by far the most valuable new plant today for the farmers of the northwestern states. Think of it! Alfalfa yields a crop of hay worth \$100.00 per acre and in addition to that according to the U. S. Dept. of Agriculture, "adds \$100.00 to the value of every acre."

It greatly enriches the soil wherever sown. Its long branching roots penetrate far down into the earth, sometimes to a depth of 20 feet.

The Seed. Alfalfa seed is a specialty with us and we sell several carloads every season. We secure it from different localities but do not handle imported seed at all or any inferior seed.

There is no excuse for using imported seed, as American grown seed is cheap enough so that every farmer can afford it and is much better adapted to our conditions. Furthermore European and Turkestan seed usually contains dodder, the worst of all bad weeds. Do not use it at all. Insist on knowing where the seed grew before you buy. If you buy of a Wisconsin dealer he will have to give you that information anyway as the Wisconsin seed law requires that for alfalfa, corn and small grain the locality where grown must be given when the seed is offered for sale.

CULTURE. We have written a little booklet "Alfalfa Culture in the North," with contributions from Prof. Moore, Ex. Gov. Hoard, Swartz Bros. and others. Will be glad to send it free on application.

Olds' Fancy Alfalfa. At the time of writing this page we have in a straight car of new Dry Land Black Hills seed and it is about the prettiest, cleanest seed we ever saw. It tests 99.62 per cent purity, 98 per cent germination, and in our opinion no better alfalfa seed can be found anywhere. We have coming another beautiful car of South Dakota grown seed from the center of the state, a car of very fine Montana seed and a car each of fancy Kansas and Utah seed as well as some Grimm seed. Generally speaking northern grown seed is best, although very satisfactory results are being secured in Wisconsin now with Kansas and other southwestern seed.

PRICES OF OLDS' FANCY ALFALFA SEED.

Fancy Black Hills (Western South Dakota). From land never irrigated at all: Peck, \$3.00; bu., (60 lbs.), \$11.50; 5 bus. at \$11.25. Bags extra at 22c.

Fancy Montana, from Montana fields not irrigated for two years: Peck, \$3.00; bu., \$11.50; 5 bus. at \$11.25.

Fancy South Dakota. From Central South Dakota, dry-land seed: Peck, \$2.90; bu., \$11.00; 5 bus. at \$10.75.

Fancy Kansas, bright pure seed from dry land: Pk., \$2.65; bu., \$10.00; 5 bus. at \$9.75.

Fancy Utah, clean bright seed from Northern Utah: Pk., \$2.50; bu., \$9.50; 5 bus. at \$9.25.

(Alfalfa prices are subject to change. Ask for our red price list and samples giving tests when ready to buy.)

Any of the above—By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 3 lbs., 85c; 5 lbs., \$1.25.

GRIMM ALFALFA.

Grimm Alfalfa is characterized by spreading roots instead of one main tap root, by wide crown and heavy stooling qualities. On account of the peculiar root formation it is claimed it will withstand winter killing.

A large proportion of seed sold in the past as Grimm seed was not Grimm at all. We have some of the genuine to offer this year, however, from a prominent grower in northern Montana who has been raising Grimm seed for a number of years, having secured seed originally from the U. S. Department of Agriculture.

PRICES, GENUINE GRIMM ALFALFA:

By mail: Lb., 55c; 3 lbs., \$1.55; 5 lbs., \$2.50. By freight: Lb., 50c; 5 lbs., \$2.25; peck, \$6.50; bu. (60 lbs.), \$24.00.

Alfalfa Seed should be Inoculated for best results. See next page and also page 92.



Alfalfa Field at Plainfield, Ill. Yield Greatly Increased by Inoculating.
(Courtesy of Will County Soil and Crop Improvement Association, Joliet, Ill.)

SWEET CLOVER.

(MELILOTUS ALBA.)

Sweet Clover is all the rage. - It is a surprise to us that more farmers are not growing it for seed. There is big money in it as it brings high prices and unlike alfalfa the seed can be grown most anywhere. For several years the demand has been greater than the supply.

A few of the reasons why the sweet clover crop is valuable are:

1. It grows readily on most all soils and locations.

2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop. If alfalfa does not do well on your farm try sweet clover first.

3. Sweet Clover brings land up rapidly to a high state of fertility and fits it not only for alfalfa but for crops of all kinds.

4. It can be pastured while alfalfa cannot, and stands pasturing better even than red clover.

5. Cattle and hogs both very soon acquire a taste for sweet clover and relish it and thrive on it.

6. It makes a profitable hay crop if cut early before it gets too large, while the second crop may be harvested for seed.

7. Eight to twelve bushels of seed can easily be hulled from an acre and the seed is in demand at high prices.

Prof. Evvard of the Iowa Station says: "In my experience and observations, sweet clover has proved itself to be an exceptional forage crop for certain soil conditions, and I know from experience that stock will eat it."

Prof. J. G. Mosier, University of Illinois, says: "It grows more luxuriantly, producing more tops, roots and seed than any other of our biennial clovers, and apparently under more adverse conditions; it is one of the best nitrogen gatherers and subsoilers; it is the greatest seed producer of all clovers, and in a sweet soil will resist drought better than any other of these clovers."

Sow 15 to 30 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable, although the yellow is just as good for inoculating and fertilizing. Hulled seed is preferable to unhulled as it germinates more readily. Ask for our free bulletin, "Sweet Clover Culture."

Prices: Hulled Seed, White Blossom. By mail: Lb., 50c; 3 lbs., \$1.40. Freight: Lb., 45c; 5 lbs., \$1.50; 10 lbs., \$2.60; 100 lbs., \$23.50.

Unhulled Seed, White Blossom. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.

Yellow Blossom Hulled Seed. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$12.50.

(Sweet Clover prices are subject to change.)

SAINFOIN or ESPARCETTE. The clover for sandy soils. It is a deep-rooting perennial of special value for light sandy or limestone soils. It produces large yields of the best hay, excellent for milch cows, as well as furnishing superior pasture. Sow 30 pounds per acre with oats or barley as a nurse crop.

Prices, by mail: Pkt., 5c; lb., 25c. By freight: Lb., 20c; 10 lbs., \$1.25; 100 lbs., \$11.00.



Sainfoin.

SERADELLA. An annual adapted to poor and sandy soils. Equal to red clover in nutritive qualities and yields larger crops. Sow in Spring 15 to 20 lbs. per acre with grain for a nurse crop.

Prices, by mail: Pkt., 5c; lb., 25c. By freight: Lb., 20c; 10 lbs., \$1.30; 100 lbs., \$11.50.

ALFALFA INOCULATION.

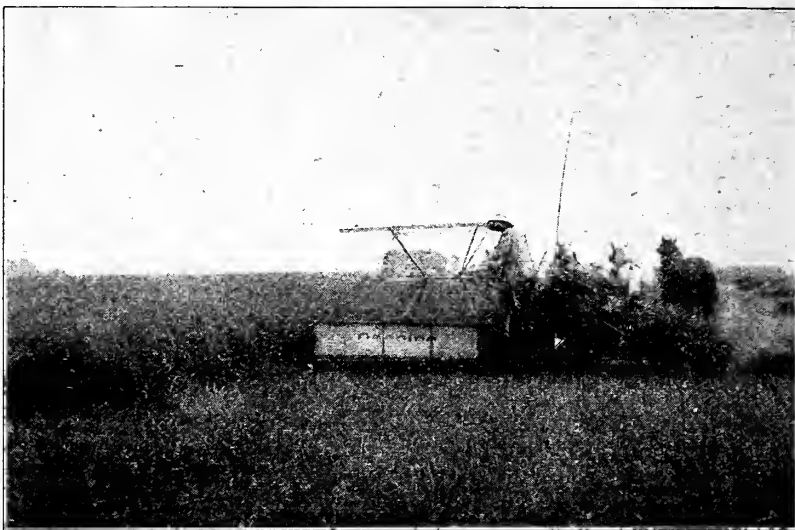
ONLY 50c PER ACRE.

To insure success with alfalfa in many cases inoculation is necessary. Soil inoculation is usually effective, but is expensive and troublesome.

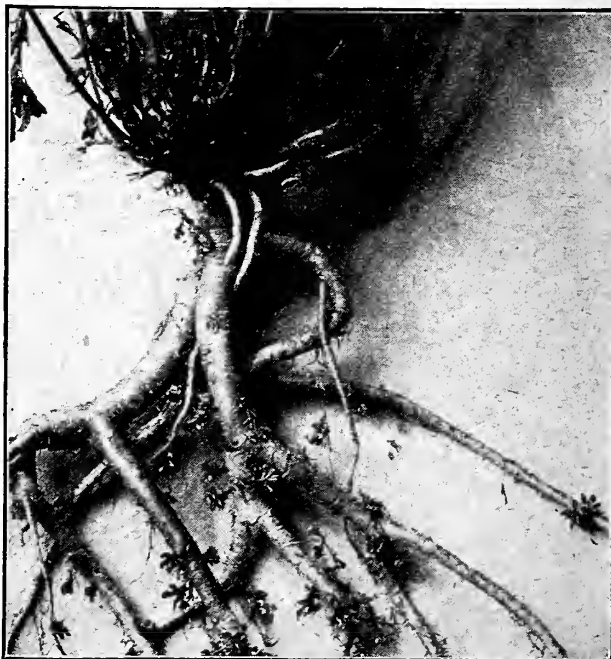
some and it also allows the spreading of weeds and soil diseases. A number of preparations for inoculating the seed have been advertised in the past, most of them selling at \$2.00 per acre.

We are glad to be able to offer this year **STANDARD SEED INOCULATION** at only 50 cents per acre size, and guaranteed to give satisfactory results or money refunded. This preparation is made for over 30 leguminous crops including alfalfa, soy beans, cow peas, vetch, clovers, etc.

We also handle "Nitragin" a much advertised and well-known preparation for inoculating seed. "Nitragin" is endorsed by many experiment stations. See page 92.



Cutting Sweet Clover Seed on Farm of W. P. Graham, Ogle Co., Illinois, 1914.
Courtesy of Will County Improvement Association.



Alfalfa Plant Inoculated with Standard Seed Inoculation. Note the Strong Roots and Large Number of Nodules. See Page 92.

OLDS' HIGH GRADE TIMOTHY.



TIMOTHY SEED is one of our specialties. We are buying and cleaning all the time the best Wisconsin grown seed and we are in position to furnish pure clean seed at the lowest possible prices.

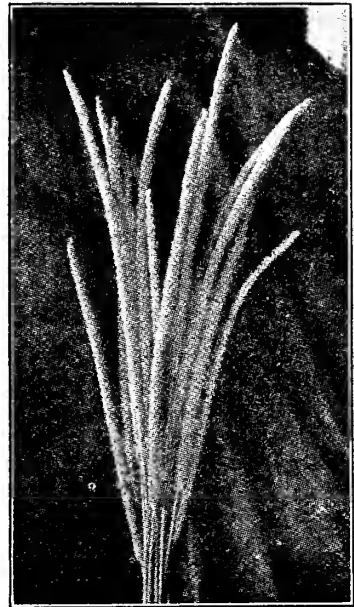
Prices are subject to market change. Ask for red list and samples.

Prices, (by freight) Old Gold Brand: Lb., 15c; 5 lbs., 50c; pk., 90c; bu. (45 lbs.), \$3.50; 5 bus. at \$3.40. Bags extra at 22c.

Choice Brand: Bu., \$3.35; 5 bus. at \$3.25.

Good Brand: Bu., \$3.10; 5 bus. at \$3.00.

Prices of all the following include sacks and will stand as long as our stocks last. Ask for samples and special prices on large quantities. We handle only the best grades. Prices do not include postage.



Olds' High Grade Timothy.



ORCHARD GRASS.



(Bromus Inermis)

BROME GRASS (BROMUS INERMIS.)

A Very Valuable Grass for the Northwest.

Bromus adapts itself to nearly all conditions of soil and climate, and yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring on well-prepared ground, harrowing in the seed. Our seed is choice North Dakota grown absolutely free of quack and all other noxious weeds.

Lb., 25c; 10 lbs., \$1.75; 100 lbs., \$14.50.

ORCHARD GRASS. One of the most desirable grasses; withstands drouth, will grow in the shade, and does well on poor land. Sow 3 bus. per acre.

Lb., 25c; bu. (14 lbs.), \$2.25; 100 lbs., \$15.00.

KENTUCKY BLUE GRASS (Fancy). Also

known as June Grass. Well suited for pasture, and the standard lawn grass. Lb., 20c; 5 lbs., 80c; bu., (14 lbs.), \$1.85; 100 lbs., \$12.00.

CANADIAN BLUE GRASS. Desirable for pasture mixtures but not suitable for lawns because too coarse. Lb., 20c; bu., \$1.50; 100 lbs., \$8.50.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. Succeeds well in the shade. Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$7.00.

ITALIAN RYE GRASS. Similar to the preceding, but larger and stronger in growth. Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$7.50.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. Lb., 20c; 10 lbs., \$1.15; 100 lbs., \$8.00.

MEADOW FESCUE. Also known as English Blue Grass. Excellent for permanent pasture. Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$11.50.

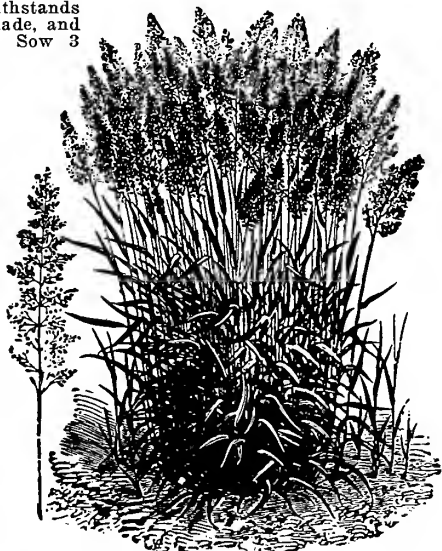
RED TOP. The most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns.

Fancy Solid Seed. (Recleaned, free from chaff.) Lb., 35c; 10 lbs., \$3.25; 100 lbs., \$31.50. (Subject to change.)

Unhulled Seed. Lb., 20c; bu., (14 lbs.), \$1.60; 100 lbs., \$10.50.

CREEPING BENT. A very distinct bottom grass with long creeping stems. Its creeping root and spreading habit form a lasting turf. Largely used for golf links. It makes the finest, thickest and most velvety grass for a lawn of anything.

Lb., 50c; 10 lbs., \$4.50; 100 lbs., \$40.00.



Red Top.

SHEEP'S FESCUE. Recommended for short herbage. Lb., 25c; 10 lbs., \$1.90; 100 lbs., \$16.50.

MEADOW FOXTAIL. Valuable for low ground. Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$33.00.

TALL MEADOW OAT GRASS. For dry soils. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.50.

OLDS' PASTURE MIXTURE.

Some grasses are at their best at one season of the year, and some at others, hence the advantage of a mixture. Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Canadian Blue Grass, Rye Grass, Sheep's Fescue and others, mixed in proper proportions for the best results. Sow 20 to 25 pounds per acre. Prices: Lb., 25c; 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$14.00.

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Canadian Blue Grass and Sheep's Fescue being left out. Prices: Lb., 25c; 10 lbs., \$1.40; 25 lbs., \$3.25; 100 lbs., \$13.00.



Olds' Meadow Mixture.



Wisconsin's New \$6,000,000.00 Capitol Showing a Glimpse of the Beautiful Capital Park Lawn.

OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer three very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use pulverized sheep manure or "All Soluble" lawn fertilizer. Every lawn, new or old, needs fertilizer. See page 89.

MADISON PARKS LAWN GRASS.

We furnish The Madison Park and Pleasure Drive Association with their lawn grass. They have obtained such fine results from our seed that we have adopted their formula for our best mixture, calling it our **Madison Parks Lawn Grass**. This mixture is made up almost entirely of solid seed and is heavy and expensive. The Superintendent of the Association tells us that before coming to Madison he was employed for ten years in Washington Park, Chicago. There, he says, they tried everyone's lawn mixture, but finally settled on this as giving the most even, durable and velvety lawn. We offer it as the best in high grade lawn mixture. Most of the best new private lawns in Madison as well as the parks are from this seed.

Lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$23.00. By mail: Lb., 35c; 3 lbs., \$1.00.

OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of the high priced permanent grasses. Creeping Bent, the famous golf-link grass, is largely used in University Lawn Grass. We recommend University Lawn Grass as a complete grass for a permanent lawn.

Lb., 25c; 3 lbs., 70c; 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$18.00. By mail: Lb., 30c; 3 lbs., 85c.

OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than either of the above, although all right too for a permanent lasting growth.

Lb., 20c; 3 lbs., 55c; 5 lbs., 90c; 10 lbs., \$1.65; 100 lbs., \$15.00. By mail: Lb., 25c; 3 lbs., 70c.

Conrad Brossla, Perrysburg, Ohio, writes May 25, 1914: "Will drop a few lines in regard to your seeds. We had good luck with them and hope to buy more of you another year."

127 BUSHELS MURDOCK PER ACRE.

Samuel Forrest, Walworth County, Wis. writes Dec. 8, 1914: "You may remember that I bought my seed corn from you last spring. You recommended Murdock Yellow Dent and I am so well pleased with the outcome that I thought I would let you know the returns I have from the seed. I have husked 380 bushels from a little less than 3 acres. One side of the machine did not drop as much as the other or I would have had 400 bushels, the best corn I have ever had; and I don't think there has been anything better in the state. The field is by the road where many farmers drive past and they remarked on the fine crop. Every stalk had an ear and many two."

J. W. Teal, Beaumont, Calif., writes April 2, 1914: "I am in receipt of my full order of seeds and I think them very fine. If they prove true to name and are not mixed with other varieties as some of my seeds were last year, although I did not purchase them from you, I shall report my success to you."

Elsworth Duxbury, Harmony, Minn., writes April 3, 1914: "Received Clover seed all O. K. Well satisfied with seed."

E. L. Walker, Bangor, Mich., writes May 4, 1914: "Seed received all O. K. in good condition and thank you for the same. Alsike and Timothy look just as good as the sample packets did. Garden seeds look good. Everything looks very nice."

SEED POTATO DEPARTMENT

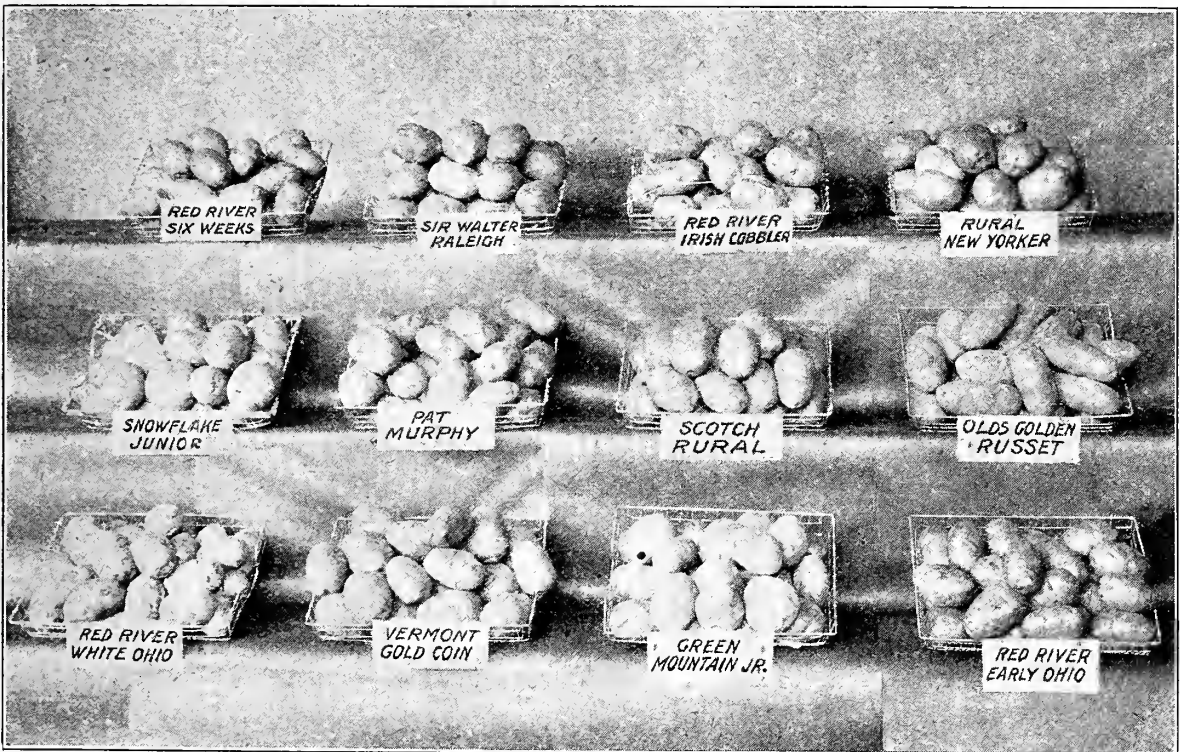
OLDS' SEED POTATOES—What They Are.



There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are grown on contract specially for seed and as a rule from select stock that we furnish. We keep an eye on the crop while it is growing as far as possible. Our form of contract provides that the grower shall deliver only the merchantable product, the minimum weight of tubers to be 2½ ounces, and no prongy, scabby, ill-shaped or overgrown tubers to be allowed.

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own sidetracks and load potatoes in all kinds of weather direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels. Later in the season we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

Prices. At the time we write these pages, early in December, potatoes are low in market. We are putting the prices of our choice seed stock right down to the very lowest point to meet market conditions. Do not think our prices high. When the quality of the stock we offer is considered our prices are remarkably low. These prices are intended to last throughout the season, or until we are sold out, but if there should be a **very material change** in the potato situation we shall make out new prices on our current red list which is printed new each week. Ask for a copy of it. We are always ready to make special prices by letter on large lots, more than 10 barrels.



Olds' Seed Potatoes, A Dozen Varieties, As Photographed Two Years Ago. Note the Even, Uniform Size.

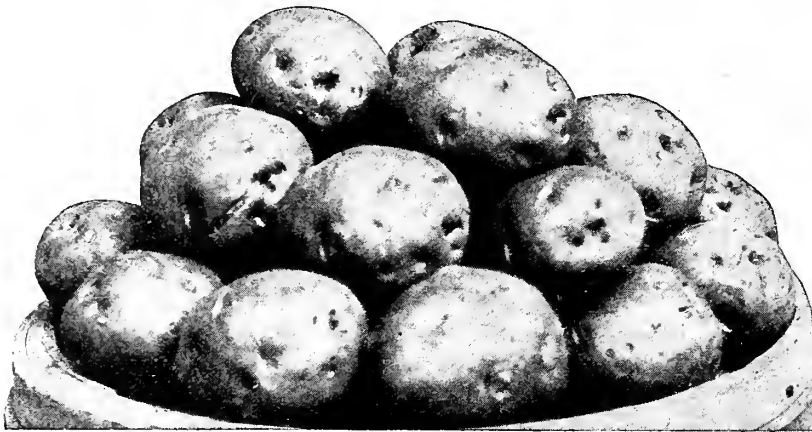
RED RIVER SIX WEEKS.



A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlies. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color. It makes an extremely quick growth, grows very compactly and yields as much as Early Ohio or more.

Our Six Weeks this year are all Red River grown and as usual are very nice, smooth stock. They are perfectly pure and straight, and as far ahead of ordinary seed as can be imagined. Order early as our stock is limited.

Prices: ½ pk., 25c; pk., 45c; bu., (60 lbs.), \$1.50; bbl., (172 lbs.), \$3.75; 5 bbls. at \$3.60; 10 bbls. at \$3.50.



BLISS' TRIUMPH.

Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Red River grown Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. In addition to our Red River Triumphs we have quite a large stock of very fine Wisconsin Triumphs. These were grown for us on contract from our seed on sandy soil in Northern and Central Wisconsin. They are smooth, clean and even in size and are really a little nicer in appearance even than the Red Rivers.

PRICES OF BLISS' TRIUMPH FOR 1915.

Red River Grown: Pk., 40c; bu., (60 lbs.), \$1.30; bbl. (172 lbs.), \$3.25; 5 bbls. at \$3.10; 10 bbls. at \$3.00.
 Wisconsin Grown: Bu., \$1.25; bbl., \$3.15; 5 bbls. at \$3.00; 10 bbls. at \$2.90.
 Red River Seconds: Bu., \$1.10; bbl., \$2.65; 5 bbls. at \$2.50; 10 bbls. at \$2.40.

Our second size potatoes are smooth and nice, running from 2½ ounces (about the size of an average hen's egg) down to 1½ ounces, with occasionally one a little smaller still.

IRISH COBBLER.

Next to Early Ohio the Most Popular Early Potato.

Irish Cobbler has been for some years the most famous early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties. It is spoken of as the legitimate successor to Bliss' Triumph and is fast superseding that variety. It sells better than Triumph as it is a better looker, is ahead of Triumph in quality and yields more, although not as early.

On our trial grounds the past season Irish Cobbler yielded a third more than Early Ohio, White Ohio or Triumph, although it proved to be a little later than any of those varieties. The potatoes were very attractive looking and of most excellent quality, rather ahead of the other earlies in that respect. This variety will please anyone who wants a few earlies for home use.

We have both Red River and Wisconsin grown Cobblers to offer this year. Our Wisconsin stock was grown in the northern part of the state from Red River seed and is even smoother and nicer looking than the Red River Cobblers. Our stock of these is limited and we make no difference in price. For a real early white variety, plant Irish Cobbler.

PRICES OF OLDS' IRISH COBBLERS.

Red River Grown: Pk., 40c; bu., \$1.30; bbl., \$3.25; 5 bbls. at \$3.10; 10 bbls. at \$3.00.
 Northern Wisconsin: Pk., 40c; bu., \$1.30; bbl., \$3.25; 5 bbls. at \$3.10; 10 bbls. at \$3.00.
 Red River Seconds: Bu., \$1.10; bbl., \$2.65; 5 bbls. at \$2.50; 10 bbls. at \$2.40.

WHITE OHIO. An Ohio with a White Skin.

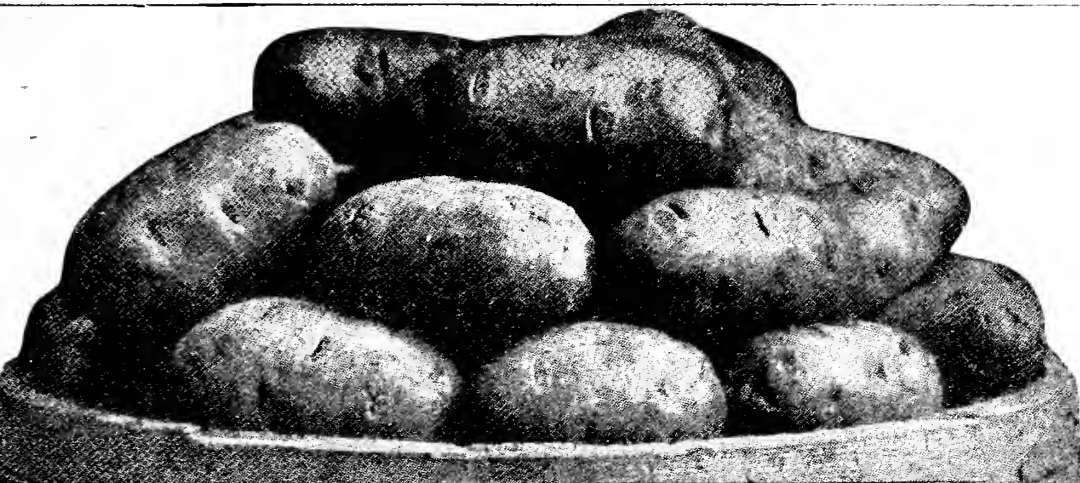


White Early Ohio is identical in every way with Red Early Ohio except in color, which is a fine white, or nearly so. The great demand in every market now is for a white potato, and even the good old Ohio, the standard for extra early, often has to take a back seat because of the color of its skin. Here we have a genuine Early Ohio with the quick, compact growth of that well-known variety, and with a white skin. It is just as good in quality and just as early as the Red Ohio. Most of our growers say it yields better, and it certainly has made some great yield records.

Our stock this year is all Northern Wisconsin grown.

PRICES OF OLDS' WHITE OHIOS FOR 1915.

First Size: ½ pk., 30c; pk., 50c; bu., \$1.60; bbl., \$4.00; 5 bbls. at \$3.75; 10 bbls. at \$3.25.
 Second Size: Bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.



OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed and are run out. The worst of it is many farmers do not seem to know that their seed is mixed. It is even very common to find potatoes entered for exhibition at the fairs in the fall as Early Ohios that are all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

In addition to our Improved Red River Ohios, of which we have a splendid large stock this year, we have some very fine Wisconsin Early Ohios grown from Red River seed on the sandy lands of the northern part of the state. Some may prefer this stock as it is acclimated and still only one year removed from Red River stock.

PRICES OF OLDS' IMPROVED EARLY OHIOS FOR 1915.

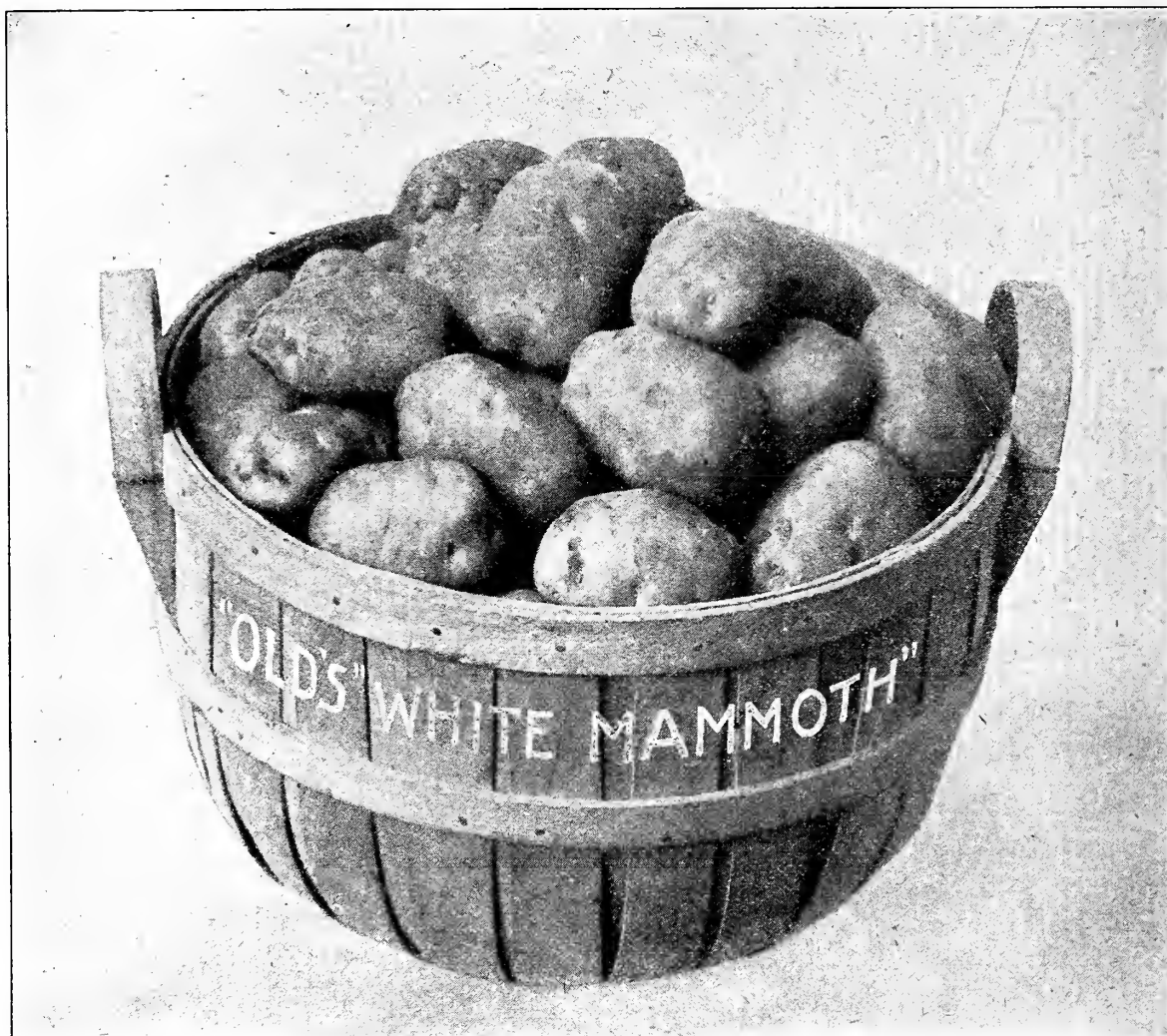
Red River Grown: Pk., 40c; bu., \$1.30; bbl., \$3.25; 5 bbls. at \$3.10; 10 bbls. at \$3.00.

Wisconsin Grown: Pk., 35c; bu., \$1.25; bbl., \$3.15; 5 bbls. at \$3.00; 10 bbls. at \$2.90.

Second Size (Red River or Wisconsin grown): Bu., \$1.10; bbl., \$2.65; 5 bbls. at \$2.50; 10 bbls. at \$2.40.



Eighty Acre Field of Olds' Improved Early Ohios on Farm of One of our Growers in the Red River Valley.



OLDS' WHITE MAMMOTH.

OUR NEW MAIN CROP POTATO FOR 1915. YIELD, 440 BUSHELS PER ACRE.



History. Olds' White Mammoth originated with one of our Ohio customers, Mr. W. W. Whiton. It started from a seed ball from the old Peachblow. The Ohio Experiment Station tested it and reported a yield of 335 bushels per acre, the highest on the list of varieties that year and 52 bushels ahead of Carman No. 3. When we first tried this variety ourselves back in 1898 we found it one of the best in our trial grounds out of 68 varieties. We sold a few about that time in a small way but a few years later lost the seed.

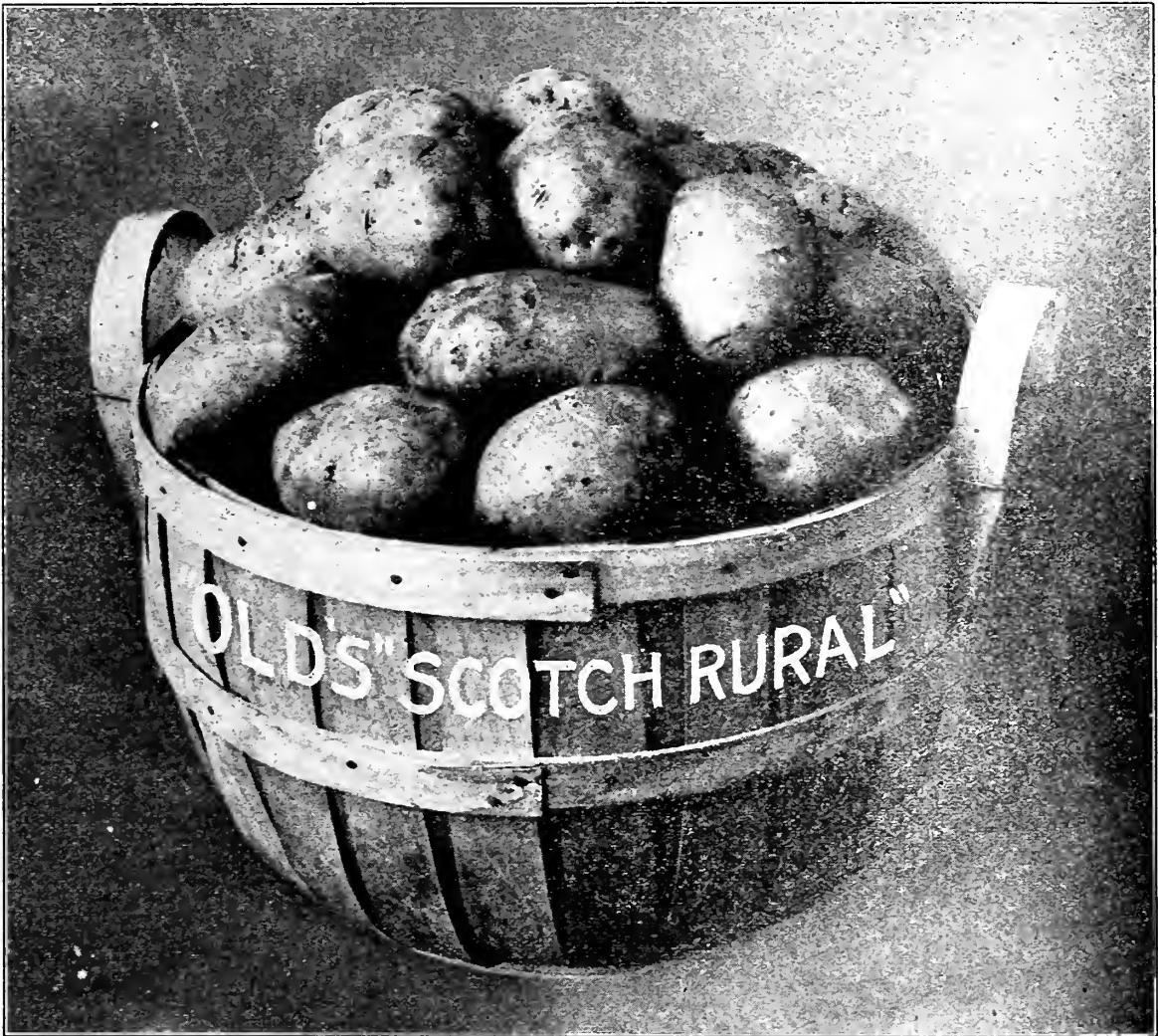
This last fall while inspecting some of our potato fields in Sawyer County, in northern Wisconsin, the writer accidentally ran across a wonderful field of White Mammoth potatoes belonging to one of our customers. This man, Mr. Olaf Cook, stated that he had bought the seed of us several years ago when we were at Clinton, that he had grown them year after year and kept them pure and distinct and that they had given him some splendid yields of very fine potatoes, usually over 300 bushels per acre. Later Mr. Cook reported the yield for his 1914 crop on his best land, the field that we saw, 440 bushels per acre. We found that several of Mr. Cook's neighbors were growing White Mammoth having secured their seed from him. The stock we offer comes partly from Mr. Cook but mostly from the farm of Mr. F. N. Dexter who secured fourth prize on his White Mammoth at the recent Wisconsin Potato Growers' Association Exhibit at Grand Rapids.

Description. White Mammoth is a large pure white potato with a thickly netted skin. The tubers grow compact in the hill, which makes harvesting easy. Vines grow large and vigorous with bushy, light green foliage completely covering the ground. The quality is about perfect and the potatoes cook dry with a fine flavor. The style of the potato is somewhat like that of Green Mountain, and in fact Prof. Milward inspected Mr. Dexter's field and pronounced them Green Mountain stating that they were the finest he had seen with the exception of one small piece of about an acre. They are, however, smoother than Green Mountain, not so much inclined to deep eyes, and they yield more. Mr. Dexter wrote, "From a measured acre we got 316 (bushel) boxes." Later he wrote, "Mr. Cook tells me that on one measured acre, which he manured and gave special care, he had 425 boxes of White Mammoth." Mr. Cook himself wrote us Oct. 17, 1914, "I have dug my White Mammoth potatoes and had a big yield. On some of the best land I had 440 bushels per acre."

Value. We consider White Mammoth a decided addition to the fine list of main crop varieties that we already have. We congratulate ourselves on re-discovering this potato. The stock we offer as grown by Mr. Dexter is all certified seed and was rogued while growing in the field. We want every potato grower to get some of the seed.

PRICES OF OLDS' WHITE MAMMOTH FOR 1915.

By mail: Lb., 30c; 3 lbs., 60c. By freight: Lb., 25c; ½ pk., 50c; pk., 75c; bu., \$2.50; bbl. \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.



OLDS' SCOTCH RURAL, An Improved Rural New Yorker.



Something new in the Rural line, imported from Scotland. Introduced by us four years ago. It is a regular Rural New Yorker all right in looks and in manner of growth but in yield and growth is way ahead of Rural. One of our growers near Madison secured a yield of 300 bushels per acre, while Rural New Yorker and other late varieties under the same conditions yielded less than 200.

E. L. Benedict of Rock County, reported a yield of 340 bushels per acre, ordinary field culture.

Another of our growers, Mr. Adam Wipperfurth, raised 1,400 bushels in 1913, from six acres in an unfavorable season, part of the field going 350 bushels per acre. Every one of his neighbors who planted Rural New Yorker secured less than 100 bushels per acre. Mr. Wipperfurth himself had Rural New Yorkers but they did not yield half as much as his Scotch Rural.

On our own trial grounds the past season Scotch Rural made a very large growth, far ahead of all others, and doubled the yield of Rural New Yorker, Sir Walter Raleigh, Carman No. 3 and Green Mountain. What would it mean to the potato growers of Wisconsin if they could all double their yield? Think of it! Twice as many potatoes from the same acreage.

This has been just about the record of Scotch Rural every year that we have grown it, double the yield of other varieties. The secret is it has new blood and new vitality and when the hot weather of mid-summer comes along and checks the growth of other varieties, Scotch Rural keeps right on growing. "Blood will tell."

Scotch Rurals are not only superior yielders but very smooth and handsome looking. Note the illustration above.

G. A. Gross, Indiana, writes Nov. 27, 1914: "The Scotch Rurals are the easiest to get a stand of and the strongest growers I have ever been able to find and above all the greatest drouth resister of them all by far. They just wait until it does rain. Three acres grew 801 bushels or 267 bushels per acre. Scotch Rural is also the best keeper of them all and they are fine lookers and cookers."

Scotch Rural is destined to prove a great money maker to the potato growers of the Northwest and we hope every one who receives our catalogue will secure seed this year. It will pay handsomely. Order early as our stock is not extra large. Last year we had a very large stock but sold out and had to turn down orders.

Prices: Pk., 60c; bu., \$2.00; bbl., \$5.00; 5 bbls. at \$1.85; 10 bbls. at \$4.75.

In yield per acre of potatoes for 1914, Wisconsin was ahead of Michigan and Minnesota and all other states, between New York and Montana.



SNOWFLAKE JUNIOR.

YIELD RECORD 386 BUSHELS PER ACRE.

Here is a great potato that we offered our customers for the first time three years ago. It grows and yields like Rural and at the same time has something of the flaky whiteness and superb quality of the old Snowflake. Our attention was called to it by one of our farmers here near Madison, Mr. P. J. Schneider, who had quite a field of them in 1911. He said they were ahead of anything he had ever had and that "the bugs did not bother them." We saw his field the last of August and they were very fine indeed at that time. The stand was perfect and the growth very large, just about covering the ground. Vines rather more leafy than vines of the Rural but with the same thick, strong, dark colored stalks.

We bought this man's entire crop and when dug they were certainly beauties. There were no skips. Every hill was there, 8 to 10 potatoes in each hill and all about the same size; hardly any overgrown ones and no small ones. The actual yield for the entire field was 386 bushels per acre and this with just common field culture on a common farm.

After another year's experience with Snowflake Junior we are better pleased with it than ever, not only because it is a great producer but because the potatoes look so fine and cook up so well. The finest looking late potatoes that we have to offer this year are Snowflake Juniors and if you want something to take the place of Rural New Yorker plant this variety. You can just as well have 250 bushels per acre as 150. Snowflake Jrs. look like Rurals and all the potato buyers would call them Rurals, but they are away ahead of Rurals.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

Second size: Bu., \$1.20; bbl., \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.

Mrs. C. W. Fogden, Highwood, Mont., writes March 16, 1914: "The potato eyes I got of you last year did fine. Every eye grew. We got from 10 to 15 potatoes from every eye and nice, large potatoes, too. Your seeds did extra fine. Was well pleased with them."

John E. Doxon, Lovewell, Kan., writes April 2, 1914: "The potatoes came alright in prime order and they are 'Daisies'."

John S. Yutzy, Arthur, Ill., writes April 3, 1914: "I received my potatoes from you today and I can say that I am well pleased with them. I received them in first class condition for which I am very thankful."

Arney Richmond, Vandalia, Mich., writes April 28, 1914: "The seed potatoes that I purchased of you some time ago arrived in first class condition. I am well satisfied."

Geo. Bengenbower, Anderson, Ind., writes May 8, 1914: "I will drop you a few lines and let you know that we got our potatoes alright. They were in better shape than we expected to see them. They were all nice, smooth potatoes and fine ones, and all in good growing condition. The Ohio's were the largest early potatoes I ever saw, and the late ones were all nice smooth ones and there was not one in the bunch but what we could plant and they were about all of one size. We are more than pleased with them."



CARMAN No. 3.

This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers (like the illustration), even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight or bugs.

Prices: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.20; bbl., \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.

Mrs. Eva E. Martin, Tidloire, Pa., writes April 23, 1914: "Thanks for prompt delivery of seed potatoes. You certainly used me fair. Fine seed and more than full weight. I hope to have good luck in raising some."



GREEN MOUNTAIN.

THE FAMOUS MAIN-CROP VARIETY.

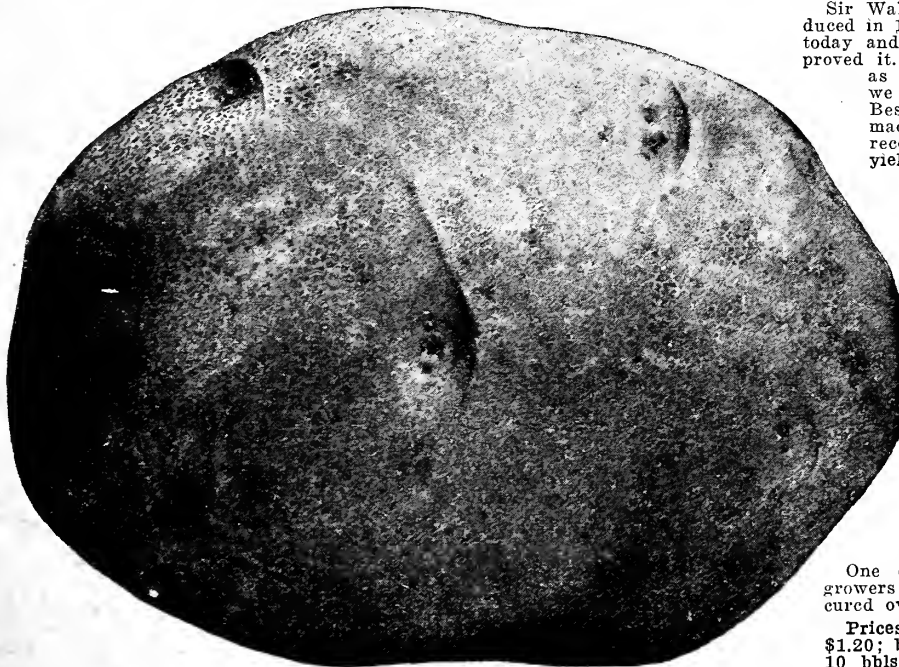
Green Mountain is different from the Rural type varieties. The illustration above shows exactly how it looks. The tubers run rather large with a thick skin, heavily netted, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. The eyes are rather deep as compared with the Rural type varieties but the quality is most excellent and then it is a very strong, vigorous grower and heavy yielder. Our grower raised 2,000 bushels in 1913 on 11 acres in Central Wisconsin, while the average yield in his section was only 60 bus. per acre.

The foliage is very leafy; tops large and branching with light green leaves and white blossoms. It is more liable to scab than the Rural type varieties but its good qualities will outweigh this and will commend it to many who are looking for just this type of potato.

Prices: Pk., 40c; bu., \$1.25; bbl., \$3.15; 5 bbls. at \$3.00; 10 bbls. at \$2.90.

Second Size (Limited Stock): Bu., \$1.10; bbl., \$2.65; 5 bbls. at \$2.50; 10 bbls. at \$2.40.

SIR WALTER RALEIGH. King of the Rural Varieties.



Sir Walter Raleigh was first introduced in 1897. It is as good as ever today and better. Selection has improved it. It is generally spoken of as "Mr. Carman's Best," and we feel like calling it "Olds' Best." With our growers it has made the very best continuous record of all our varieties for yield, size, smoothness and handsome appearance. Good large size, hardly ever any small ones, nearly round in shape, but flattened, just what is most desired now; skin pure white, thin and transparent, eyes few and very shallow; potatoes never prongy and never scabby, almost blight-proof, a sure yielder in all soils.

Any farmer who wants pure, vigorous seed of the best all-round market variety had better order some of Olds' Sir Walter Raleighs. **Potato Growers!** Discard your old mixed stock and put in Sir Walter Raleighs. You will make more money every time.

One of our Sir Walter Raleigh growers in Central Wisconsin secured over 300 bushels per acre.

Prices: 1/2 pk., 20c; pk., 35c; bu., \$1.20; bbl., \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.

RURAL NEW YORKER.

Rural New Yorker is more largely grown in Wisconsin and other potato states than any other variety and is the type of potato that is preferred in nearly every market now. It is pre-eminently the potato for general farm culture as it is easily grown, is a good keeper and always looks well. We have a fine stock of Rurals to offer this year—pure, clean and healthy. Prices: Pk., 35c; bu., \$1.10; bbl., \$2.90; 5 bbls. at \$2.75; 10 bbls. at \$2.65.

POTATO SEED

We offer a fine stock of hybridized potato seed from the balls. Experimenting with this seed is very interesting work. Sow early and transplant the same as tomatoes. Every seed makes a distinct variety. Pkt., 15c; 2 pkts., 25c.

COMPLETE POTATO PRICE LIST.

	Half Peck	Peck (15 lbs.)	Bu. (60 lbs.)	Bbl. (172 lbs.)	5 Bbls. Per bbl.	10 Bbls. Per bbl.	10 Bus. in Sacks
RED RIVER SIX WEEKS.....	Page 25	\$0.25	\$0.45	\$1.50	\$3.75	\$3.60	\$1.20
RED RIVER TRIUMPH.....	Page 26	.25	.40	1.30	3.25	3.10	1.05
RED RIVER TRIUMPH, SECONDS.....	Page 26	.20	.30	1.10	2.65	2.50	.85
WISCONSIN TRIUMPH.....	Page 26	.20	.35	1.25	3.15	3.00	1.00
RED RIVER IRISH COBBLER.....	Page 26	.25	.40	1.30	3.25	3.10	1.05
RED RIVER IRISH COBBLER, SECONDS.....	Page 26	.20	.30	1.10	2.65	2.50	.85
WISCONSIN IRISH COBBLER.....	Page 26	.25	.40	1.30	3.25	3.10	1.05
WISCONSIN WHITE OHIO.....	Page 26	.30	.50	1.60	4.00	3.85	1.30
WISCONSIN WHITE OHIO, SECONDS.....	Page 26	.25	.40	1.40	3.50	3.35	1.15
RED RIVER EARLY OHIO.....	Page 27	.25	.40	1.30	3.25	3.10	1.05
RED RIVER EARLY OHIO, SECONDS.....	Page 27	.20	.30	1.10	2.65	2.50	.85
WISCONSIN EARLY OHIO.....	Page 27	.20	.35	1.25	3.15	3.00	1.00
WISCONSIN EARLY OHIO, SECONDS.....	Page 27	.20	.30	1.10	2.65	2.50	.85
OLDS' WHITE MAMMOTH.....	Page 28	.50	.75	2.50	6.00	5.85	2.00
OLDS' SCOTCH RURAL.....	Page 29	.35	.60	2.00	5.00	4.85	1.65
SNOWFLAKE JUNIOR.....	Page 30	.25	.40	1.40	3.50	3.35	1.15
SNOWFLAKE JUNIOR, SECONDS.....	Page 30	.20	.35	1.20	3.00	2.85	.95
CARMAN NO. 3.....	Page 30	.20	.35	1.20	3.00	2.85	.95
GREEN MOUNTAIN.....	Page 31	.25	.40	1.25	3.15	3.00	1.00
GREEN MOUNTAIN, SECONDS.....	Page 31	.20	.30	1.10	2.65	2.50	.85
SIR WALTER RALEIGH.....	Page 31	.20	.35	1.20	3.00	2.85	.95
RURAL NEW YORKER.....	Page 32	.20	.35	1.15	2.90	2.75	.90

POUND PRICES (All Varieties except White Mammoth)—By mail: One pound (about 3 good tubers), 20c; 3 lbs., 50c, postpaid. By freight or express: Lb., 15c. Not less than one pound of a variety sold.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 15 cents; 3 varieties, at barrel rates, plus 25 cents.

Collection Bushels. We offer a bushel of any 2 varieties, half of each, at bushel rates; 4 varieties, one peck of each, at bushel rates, plus 15 cents; 8 varieties, ½ peck of each, at peck rates.

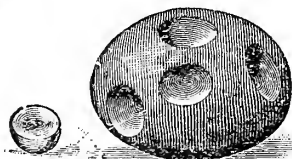
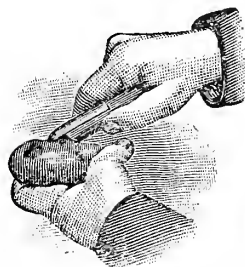
POTATO EYES.

We put up Potato Eye Boxes of any varieties on our list except White Mammoth. Good strong eyes are very carefully removed from select tubers, as shown in the illustration, and packed in damp moss in paraffine lined boxes. We guarantee safe arrival in good growing condition.

We have been sending out potato eyes in this way now for several years and we know they give our customers satisfaction. A box of 160 eyes will produce a fine lot of potatoes, and give an opportunity to test some of our choice varieties at small cost. This plan is specially fine for customers living at a great distance, where express or freight charges would be very high. Orders will be booked when received and sent so as to reach destination at about the right time for planting according to our judgment.

PRICES OF POTATO EYES.

160 Eyes, (one box) all one variety, your selection, 90c by mail, postpaid. 160 Eyes, (one box) two varieties, 80 of each, your selection, 95c by mail, postpaid. 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.00 by mail, postpaid. 480 Eyes, (3 boxes) all one variety, \$2.15 by express, not prepaid. 480 Eyes, (3 boxes) three varieties, \$2.25 by express, not prepaid. 480 Eyes, (3 boxes) twelve varieties, \$2.65 by express, not prepaid. (Not less than 160 eyes put up.)



GARDEN SEED DEPARTMENT.



Our seeds are grown for seed purposes only and equal to any offered. We catalogue varieties of merit and have selected from these the "Wisconsin Standards"—see next page.



Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a star (★) those varieties we specially recommend for general cultivation.

OUR PRICES INCLUDE FREE DELIVERY AT DESTINATION OF ALL GARDEN SEEDS OFFERED BY THE PACKET, OUNCE, QUARTER-POUND, POUND AND UP TO FIVE POUNDS IN WEIGHT, UNLESS OTHERWISE NOTED.

DISCOUNTS.

We allow a cash discount on all garden seed orders for packets and ounces (excepting collections), as follows:

20 Per Cent on Orders for PACKETS and OUNCES, Am'ting to from 50c to \$1.00
25 Per Cent on Orders for PACKETS and OUNCES, Amounting to Over \$1.00
30 Per Cent on Orders for PACKETS ONLY, Amounting to from 50c to \$1.00
35 PER CENT ON ORDERS FOR PACKETS ONLY, AMOUNTING TO OVER \$1.00

If the packet and ounce portion of your order amounts to \$1.00, send us 75 cents. If you order nothing but packets and the order amounts to \$1.00, send us 65 cents. These offers apply to nothing but packets and ounces.

If your garden seed order, not including packets and ounces, amounts to \$5.00 or more, you are entitled to market gardeners' prices and should send for our market gardeners' net price list—free on request.

Prices from the market gardeners' list and special prices are net and not entitled to any further discount.

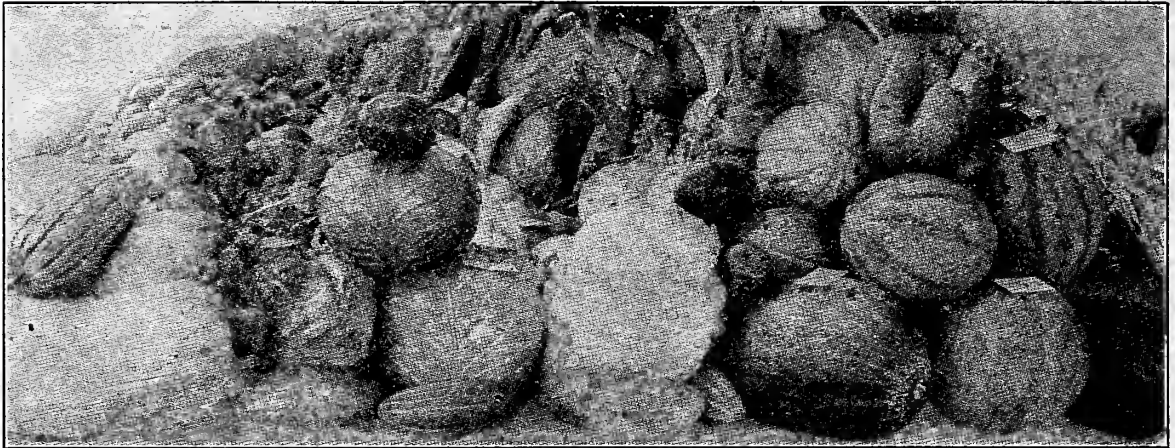
We guarantee safe delivery of all seeds whether sent by mail, express, or freight, but cannot be responsible for the crop. Success depends largely upon conditions of soil and climate; however, should our seeds prove unsatisfactory, we will, providing we have sufficient proof that they were not as represented, refill the order or return the money, but we will not assume responsibility further than for the amount sent us. If the purchaser does not accept these terms, the seed is to be returned at once.

ROSES AND OTHER CHOICE PLANTS.

SEPARATE CATALOGUE FREE ON REQUEST.

Our plant catalogue is a 32-page book, with cover. It is nicely illustrated and gives full descriptions of the best and newest in plant life. If you wish to order plants with your seed order drop us a card and we will send you a copy.

OLDS' WISCONSIN STANDARDS



We have selected the following sorts as those best adapted for the home garden. They are also desirable for the market gardener. "Olds' Wisconsin Standards" are not untried novelties—we know from personal experience that each is among the best of its class.

	By parcel post.			
	pkt.	oz.	¼ lb.	lb.
BET (41). Olds' Improved Blood turnip. Grows quickly, has a small top and is altogether the best first early beet.....	\$0.05	\$0.10	\$0.20	\$0.60
BET (51). Crosby's Egyptian. The most desirable early market variety.....	.05	.10	.20	.65
CABBAGE (70). Olds' Select Early Jersey Wakefield. The best early cabbage in cultivation.....	.05	.15	.50	1.75
CARROT (101). Early Short Top. The best carrot for home use.....	.05	.10	.25	.70
CUCUMBER (160). Olds' Extra Early White Spine. Very productive.....	.05	.10	.15	.50
CUCUMBER (158). Olds' Improved Chicago Pickling. Fruits medium in length and pointed at both ends.....	.05	.10	.15	.50
LETTUCE (215). Olds' Earliest Forcing. The best variety for forcing.....	.05	.10	.18	.55
LETTUCE (220). Early Prize Head. Good all the year around.....	.05	.10	.18	.55
MUSKMELON (239). Olds' Select Osage. Just right for the home garden; also popular with the market gardener.....	.05	.10	.15	.50
WATERMELON (262). Cole's Early. A fine melon adapted to this locality.....	.05	.10	.15	.45
ONION (280). Olds' Golden Globe. Hardy and reliable—excellent for market or home use.....	.10	.20	.30	1.10
ONION (281). Olds' Silver Globe. Close and fine grained—cannot be excelled for the home garden.....	.10	.20	.40	1.50
ONION (282). Olds' Crimson Globe. Close grained, mild and tender.....	.10	.20	.35	1.15
PARSNIP (307). The Arlington. A fine, new, double curled parsley—stands heat, cold and drought.....	.05	.10	.15	.50
PARSNIP (310). Olds' Improved Guernsey. We consider this the best.....	.05	.10	.15	.35
PEPPER (350). Olds' Ruby King. The most popular large red pepper.....	.05	.15	.50	1.75
PUMPKIN (361). Olds' Quaker Pie. Very prolific and a good keeper.....	.05	.10	.20	.65
RADISH (373). Olds' Improved French Breakfast. Early, handsome, tender and crisp.....	.05	.10	.15	.50
RADISH (376). Olds' Crimson Giant. Best large radish for first outdoor planting.....	.05	.10	.20	.65
RADISH (385). Best White Icicle. The best long, pure white radish.....	.05	.10	.15	.50
SPINACH (402). Bloomsdale. Thick, dark green, wrinkled leaves; hardy and a great favorite.....	.05	.10	.15	.25
SQUASH (413). Olds' Golden Hubbard. Very productive and fine for pies.....	.05	.10	.25	.75
TOMATO (429). The Matchless. Produces large, red tomatoes throughout the entire season—just right for the home garden.....	.05	.10	.35	1.25
TURNIP (465). Olds' Purple Top White Globe. A rapid grower, globe-shaped, pure white flesh—a sure cropper and will outyield any other.....	.05	.10	.15	.35
HERB (492). Sage. More extensively used for seasoning than any other.....	.05	.10	.20	.70
BEANS (15). Olds' Stringless Green Pod. The best green pod for either market or the home garden; early, hardy and productive.....		pkt.	lb.	2 lbs.
BEANS (24). Olds' Pencil Pod Wax. The best wax pod for the home garden—tender and entirely stringless.....	.10	.20	.35	
SWEET CORN (137). Olds' Ideal Early. The best early, large-eared sweet corn; commands a high price in market and just the thing for the home garden.....	.05	.20	.35	
SWEET CORN (146). Olds' White Evergreen. A pure white evergreen—fine for market gardeners and all who like good sweet corn.....	.05	.15	.25	
PEAS (325). Notts' Excelsior. The best early dwarf pea in cultivation; very sweet and tender—can be planted at intervals of two weeks throughout the summer.....	.10	.20	.35	
PEAS (326). Olds' Improved Stratagem. The best of all the large-podded late peas—and can also be used for a later second early.....	.10	.20	.35	



OLDS' WISCONSIN STANDARDS COMPRISE 31 VARIETIES. In order to induce every one to give them a trial, we offer one packet of each, 31 packets in all, amounting to \$1.75 at catalogue prices, for \$1.00 by mail. By express or freight, not prepaid, 85c. For 50 cents we will send postpaid 23 packets, one packet of each—excepting the Peas, Beans and Sweet Corn and leaving out one each of the Radishes and Onions. If this offer gives you more seed than you want get one of your neighbors to order with you and secure your garden seeds at half price.

The Cash Discounts mentioned on page 33, do not apply on the above collections.

Our seeds are put up fresh each year and the stock number, letter and year stamped on every package. When making request for test, be sure and mention the stock letter and number.



356½. **NEW PIMIENTO PEPPER.** A new picnic pepper, largely used for canning—try it. See page 67. Regular pkt., 10c; 2 pkts., 15c, or order anything from this catalogue amounting to \$1.00 or more—and we will give free, on request, a trial packet.

SMALL FOLKS' COLLECTION.

10 packets, 10 cents.

The garden can be made more beautiful and attractive by planting a few flower seeds. The children will surely be interested if given the seed to plant. We have put up a collection, of 10 packets, suitable for gardens, beds or borders—see list below. These flowers are all easily grown and will bloom the first season, sown in the spring. We have these collections put up before our busy season begins and will furnish them as long as they last for the small sum of 10 cents each; 6 collections (60 packets) for 50 cents.

SMALL FOLKS' COLLECTION

- 830 Sweet Alyssum, White
- 855 Bachelors Button, Mixed
- 870 California Poppy, Mixed
- 1035 Mignonette, A Favorite
- 1050 Nasturtium, Dwarf Mixed
- 1112 Phlox Drummond
- 1121 Poppy, Double Mixed
- 1155 Scabiosa, Mourning Bride
- 1160 Schizanthus, But'rly Fl'r
- 1328 Zinnia, Curled & Crested

Our plant department contains a carefully selected assortment of roses and other choice plants mostly grown on their own roots and all well rooted.

We guarantee all plants purchased of us to arrive in good condition for growing. They are sent by themselves at about the time for planting. Our list is a select one, of the best sorts, northern grown and hardy.

W. H. Beach, of Melton, Wis., writes: "I took prizes on the following, raised from Olds' seeds: 1st and 2nd, on Carrots; 1st and 2nd, on table Beets; 1st, on Golden Hubbard Squash; 1st, on Bush and Crook-neck Squash; 1st, on Best Display, and Mrs. B. 1st, on Cucumber Pickles."

LENOX SPRAYER

Free with \$5.00 order.



an order amounting to \$5.00, or more.

Order garden or flower seeds to the amount of \$5.00, or more and we will send, on request, a Lenox Sprayer and a cake of tobacco soap.

We also issue a 32-page, illustrated catalogue of roses and other plants—free on request.

SPECIAL CASH PREMIUMS.

We offer, in cash, \$25.00 (first prize, \$15.00, second prize, \$10.00) for collections of vegetables grown from our seeds at Wisconsin State Fair, Fall 1915.

The Cash Discounts mentioned on pages 33 and 75 do not apply on the above collections.

SCHOOL GARDEN SEEDS.

We are frequently asked to furnish seed for school gardens. We have put up special packets for this purpose, 30 varieties of vegetable and 20 choice varieties of flower seed. You may select from the list below, 15 or more packets at 1½c each—less than 15 packets at 2c each.

The 20 varieties marked with a star (*), are our special School Garden Collection. They will produce a continuous supply of vegetables and flowers throughout the whole season. We offer these collections at 20 cents each (20 packets for 20 cents); six collections (120 packets) for \$1.00. Special prices on larger quantities.



Our Display at the Fall Festival held at Madison, Oct. 12 to 15, 1914.

ORDER BY NUMBER.

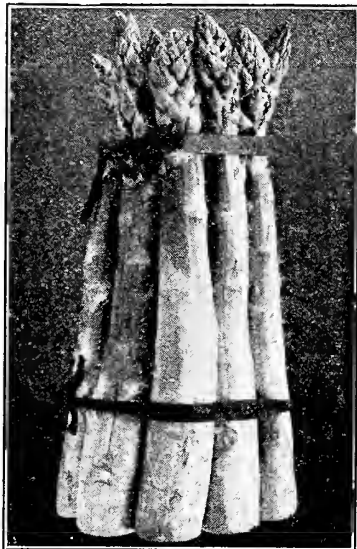
- 15 Beans, Green Pod*
- 28 Beans, Rust Proof
- 52 Beet, Red Globe*
- 63 Beet, Swiss Chard
- 78 Cabbage, Surehead
- 100 Carrot, Half Long
- 145 Corn, Evergreen*
- 152 Corn, Red Beauty
- 164 Cucumber, Spine*
- 215 Lettuce Forcing*
- 221 Lettuce Simpson
- 239 Muskmelon, Osage*
- 267 Watermelon, Peerless*
- 285 Onion, Danvers*
- 297 Onion, Prizetaker
- 308 Parsley, Moss Curled
- 320 Peas, Early Surprise*
- 326 Peas, Stratagem
- 360 Pumpkin, Mammoth*
- 373 Radish, Breakfast*
- 378 Radish, White Box
- 387 Radish, Long Scarlet
- 397 Salsify, Oyster Plant
- 400 Spinach, Summer*
- 404 Spinach, Winter
- 411 Squash, Hubbard*
- 429 Tomato, Matchless*
- 432 Tomato, Champion
- 465 Turnip, White Globe*
- 492 Herbs, Sage
- 830 Alyssum, Sweet
- 860 Balsam, Fine Mixed
- 870 California Poppy
- 875 Calliopsis, Choice Mixed
- 905 Colosia, Cockscorn
- 910 Centaurea, White
- 925 Cosmos, Fine Mixed*
- 950 Dianthus, Chinese*
- 970 Forget-me-not
- 975 Four O'Clock
- 1015 Larkspur, Fine Mixed
- 1030 Marigold, Mixed
- 1035 Mignonette, Machet*
- 1050 Nasturtium, Dwarf
- 1112 Phlox Drummond
- 1121 Poppy, Double Mixed*
- 1145 Salpiglossis, Velvet Fl'r
- 1160 Schizanthus, But'rly Fl'r
- 1306 Verbena, Mam. Mixed
- 1325 Zinnia, Double Mixed*



All of our garden seeds are first tested for germination, as shown above. We are careful to give the seed the same temperature and moisture that they would have under normal conditions in the open ground. Under each heading we give the standard per cent of vitality for good seed and we will, on request, give the germination.

HOME FLORICULTURAL. A 175-page illustrated book, telling how to grow and cultivate flowering plants, for 25c, or free with an order for flower seeds, plants and bulbs, amounting to \$2.00 or more.

ASPARAGUS



Columbian Mammoth White.

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Each Packet contains $\frac{1}{4}$ oz. of seed and will plant 15 feet of drill; two to three pounds an acre. We recommend planting roots, however, rather than seed.

1. **CONOVER'S COLOSSAL.** The standard variety. Two-year-old roots, 25, 35c; 100, \$1.15. By express or freight, not prepaid: 25, 25c; 100, 65c; 1,000, \$5.00. SEED: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Two-year-old roots: Doz., 25c; 25, 40c; 100, \$1.25. By express or freight, not prepaid: 25, 30c; 100, 75c; 1,000, \$6.00. SEED: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

3. **BARR'S MAMMOTH.** Large and productive; grows twice as large as Conover's Colossal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

4. **BONVALLET'S GIANT.** This new asparagus has proved to be in great demand; its flavor, size and whiteness place it ahead of any other. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Roots and seed, same price as for Conover's Colossal.

We can furnish roots of Conover's Colossal, Columbian Mammoth White and Palmetto—50 of a kind at the 100 rate; 500 at the 1,000 rate. Special prices on larger lots on application.

A NEW DEPARTURE. We try to make our catalogue easy to order from and many of our customers write they like the way it is arranged, because it is not as confusing as others. In order that our customers may know the exact quantity they are ordering, we have decided to list Beans and Peas by weight instead of by the pint and quart as heretofore.

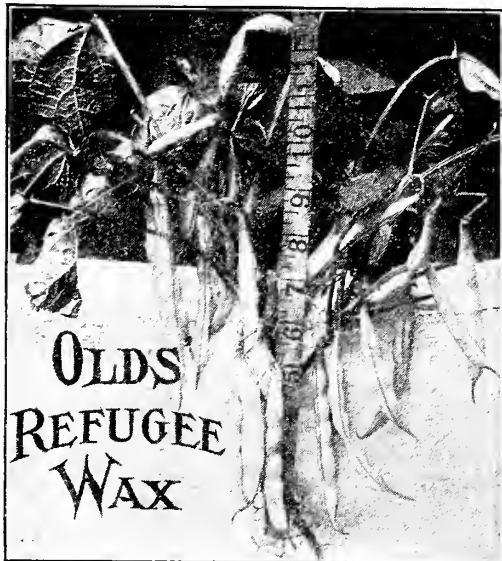
BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets contain two ounces each, and will plant from 10 to 15 feet of drill. One pound will plant 50 feet of drill; $1\frac{1}{4}$ bushels one acre. Vitality of good seed, 90%.



20½. **★OLDS' STRINGLESS WAX POD.** A brand new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod.

Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods. The pods average six inches in length, light yellow in color, well filled and meaty; they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.



Mr. H. C. Middleton, of Madison, a successful market gardener, says: "I have been growing beans for the last 30 years and your Stringless Wax Pod is the most prolific bush bean I have ever seen. The large, handsome pods are of the finest flavor and are entirely stringless. Their appearance and quality will command the highest price in any market."

We have been breeding this bean for several years and now have a very choice stock. Prices for 1915: Pkt., (2 oz.), 10c; 2 pkts., ($\frac{1}{4}$ lb.), 15c; lb., 25c; 2 lbs., 45c.



29. **OLDS' REFUGEE WAX.** A strong bush and very productive. The pods are five inches long, slender, nearly round, light golden yellow in color, solid, brittle and stringless. It is an early bean and should be in every home garden. Pkt., (2 oz.), 10c; 2 pkts., ($\frac{1}{4}$ lb.), 15c; lb., 25c; 2 lbs., 40c.

See page 39 for prices by express or freight, not prepaid.



A pint of Beans weighs about one pound and a quart about 2 pounds.



13. BOUNTIFUL. A new stringless Bush Bean. Extra early, tender, large-podded (see above), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

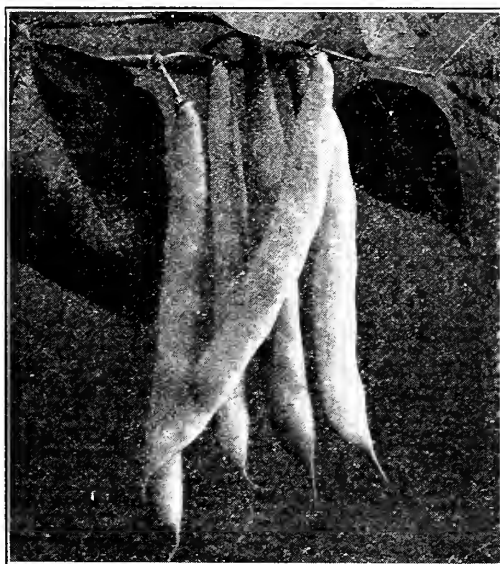
20. IMPROVED GOLDEN WAX. The standard flat, wax podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and absolutely without strings or coarse fibre at all stages until maturity, while the color is a rich golden-yellow. It is a heavy cropper and valuable for both home and market gardening. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

21. IMPROVED BLACK WAX. (Dwarf German Prolific.) This bean originated from the Old Black Wax and is a great improvement over its parent. One of the earliest of all the wax beans and very productive. The pods are from four to five inches in length, usually slightly curved, quite round, brittle and stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

29½. VALENTINE WAX. A perfect Valentine Bean with a wax pod. It is known as the earliest wax bean in cultivation. The pods are round, rust-proof and stringless. Its earliness, fine appearance and quality make it valuable for market gardeners. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

17. BLACK VALENTINE. An excellent variety and an improvement over the old popular standard Early Red Valentine—not quite so early, but one-third larger, with round, straight pods, hardy and prolific. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

15. ★STRINGLESS GREEN POD. (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. For either the market or home garden, no other green podded bean is so entirely satisfactory. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.



Improved Golden Wax. Pkt., 10c; 2 pkts., 15c.

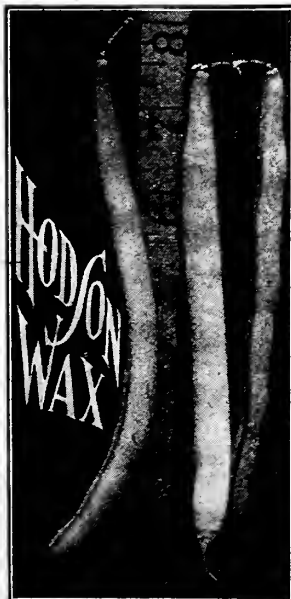
Remember garden seed prices include parcel postage, unless otherwise noted.

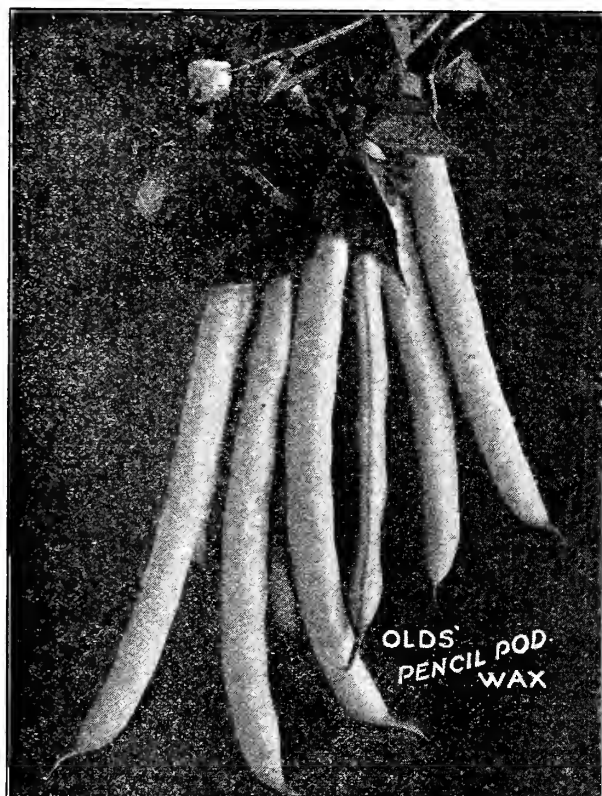


25. ★OLDS' ROUND POD KIDNEY WAX. A handsome second early wax bean. This new bean combines all the good qualities of Wardwell's Kidney Wax with the best round-podded sorts. It is the same in season as Wardwell's, and is entirely free from rust. The plants are stocky, and very productive. The pods are large, handsome, of a rich lemon-yellow, and stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

27. NEW HODSON WAX. The new wax bush bean and one never affected by rust or blight. This bean is in a class by itself—it is remarkable for its great size of bush and length of pod. The pods are from 7 to 8 inches long—see illustration. Altogether it is just the bean for market gardeners and truckers. The plants should be thinned out to at least 6 inches in the row on account of the great size of the bush. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

Beans weigh 60 lbs. to the bushel (Wisconsin legal weight), except Lima Beans, which weigh 56 lbs. A pint of Beans weighs a little less than one pound and a quart less than 2 pounds. Two pounds will plant about 100 feet of drill.



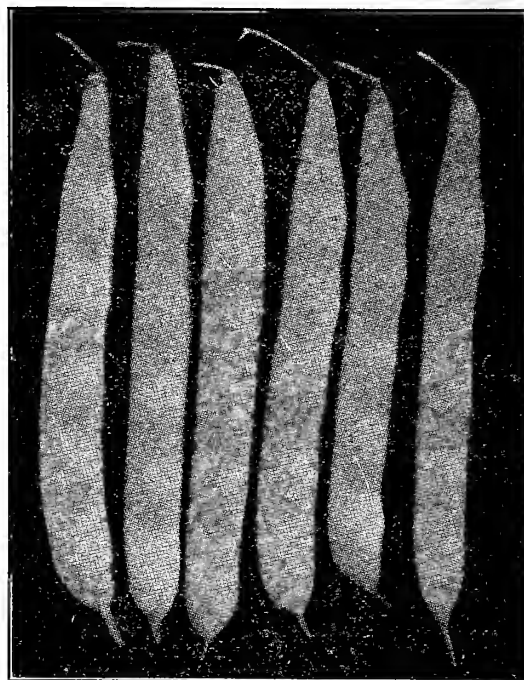


24. ★OLDS' PENCIL POD WAX. This bean is very early, very productive and of most excellent flavor. The pods are long, straight, round like a pencil, fleshy, and of a bright yellow color; absolutely stringless—try it. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

14. THE LONGFELLOW. A new Green Pod Bean. An extra early variety with perfectly round, straight, fleshy pods—very tender and brittle. We heartily recommend this variety. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.



16. OLDS' BEST OF ALL BUSH. One of the finest and most productive of all the Green Pod Bush varieties. The plants grow erect, 18 to 20 inches in height, bearing a profusion of long, straight pods, well above the soil. The pods are fleshy. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.



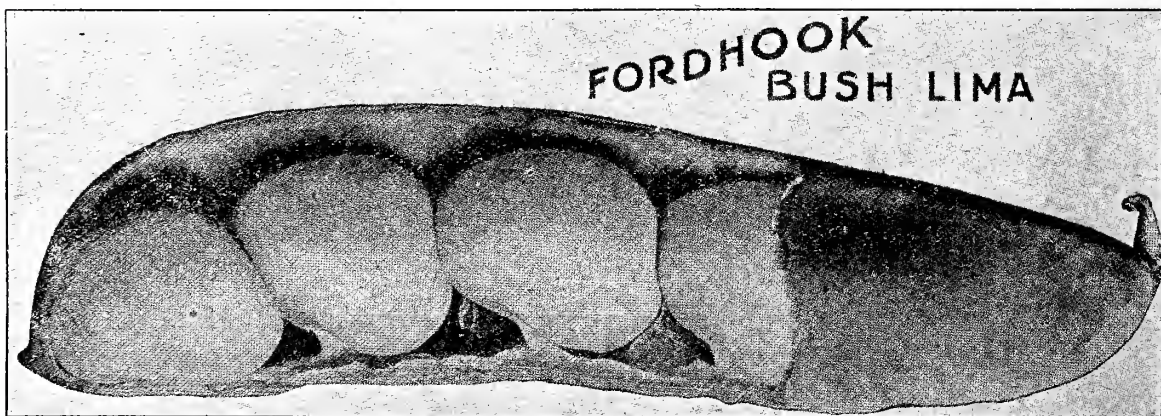
Wardwell's Kidney Wax. Pkt., 10c; 2 pkts., 15c.

23. WARDWELL'S KIDNEY WAX. One of the earliest, hardest and most productive wax pod beans. Famous with market gardeners. Pods are long and showy, a third longer than Golden Wax, and a week earlier—see above. A rich, golden yellow, brittle and entirely stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof. Grown side by side with other wax beans, this variety remained entirely free from rust. It is early and productive; the pods are straight, rather flat, five inches long, of a light golden yellow color; of very fine flavor and excellent quality; crisp, tender and entirely stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

18. TENNESSEE GREEN POD. A very productive snap variety, maturing a few days later than Stringless Green Pod; of excellent quality and desirable both for the home garden and for market. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

REMEMBER We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight.



34½. FORDHOOK BUSH LIMA. An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and are produced in large clusters—they contain from 3 to 5 large beans (illustrated above) and are of fine quality. The beans are large, white with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties and we consider it a valuable addition to our list. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 30c; 2 lbs., 50c.



34. BURPEE-IMPROVED BUSH LIMA. Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 45c.

30. ★BURPEE'S BUSH LIMA. A true bush lima bean, requiring no poles or supports. Burpee's Bush Lima can be successfully grown by any one, and it ought to be in every garden. The bushes grow erect 18 to 20 inches high. Each pod contains 3 or 4 large beans; very tender and of a delicious flavor. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

33. FORD'S MAMMOTH PODDED. The largest podded, finest flavor and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

33½. GREEN SEEDED CARPINTERIA. The most perfect Pole Lima Beans. Very productive producing pods five to six inches long, usually filled with four large, thick, luscious green beans. Splendid for the home and market garden. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

36. LAZY WIFE POLE. A very popular Pole Bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

We have arranged our catalogue different from most other seed catalogues. We have no novelty pages, but list all varieties under their respective headings.

The Best Seeds that grow are sold by Olds.



BEANS. Full List.

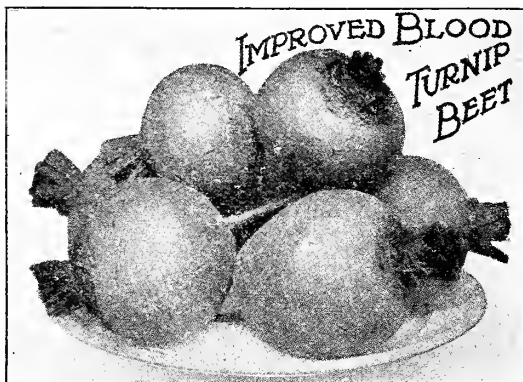
Half-pounds, half-pecks and half-bushels at pound, peck and bushel rates.

	By parcel post.			By frt. or exp. not prepaid.		
	Pkt.	Lb.	2 lbs.	2 lbs.	Pk.	Bu.
10. EXTRA EARLY REFUGEE. Early, hardy and productive.....	\$0.10	\$0.20	\$0.35	\$0.25	\$1.40	\$5.50
11. ROUND YELLOW SIX WEEKS. Early, very productive.....	.10	.20	.35	.25	1.45	5.75
12. IMPROVED ROUND POD VALENTINE. An improved strain of the well-known standard green pod snap bean.....	.10	.20	.35	.25	1.40	5.50
13. BOUNTIFUL. A new stringless bush bean, early, tender.....	.10	.20	.35	.25	1.45	5.75
14. LONGFELLOW. The new green pod. Page 38.....	.10	.20	.35	.25	1.40	5.50
15. ★STRINGLESS GREEN POD (Burpee's.) Best green pod.....	.10	.20	.35	.25	1.45	5.75
16. OLDS' BEST OF ALL BUSH. Page 38.....	.10	.20	.35	.25	1.45	5.75
17. BLACK VALENTINE. A greatly improved Valentine.....	.10	.25	.40	.30	1.50	5.85
18. TENNESSEE GREEN POD. Description, page 38.....	.10	.25	.40	.30	1.65	6.50
20. IMPROVED GOLDEN WAX. A very popular bean.....	.10	.25	.40	.30	1.55	6.00
20½. OLDS' STRINGLESS WAX POD. A brand new wax pod bean. See illustration and description, page 36.....	.10	.25	.45	.35	1.90	7.50
21. IMPROVED BLACK WAX. Early and very prolific.....	.10	.25	.40	.30	1.60	6.25
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome, fine for home use.....	.10	.25	.40	.30	1.65	6.50
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.....	.10	.25	.40	.30	1.85	7.25
24. ★OLDS' PENCIL POD WAX. A fine wax pod. Page 38.....	.10	.25	.40	.30	1.70	6.75
25. ★OLDS' ROUND POD KIDNEY WAX. Best second early.....	.10	.25	.40	.30	1.70	6.85
27. HODSON WAX. Never affected by rust or blight. Page 37.....	.10	.25	.40	.30	1.55	5.95
28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof.....	.10	.25	.40	.30	1.50	5.85
29. OLDS' REFUGEE WAX. See illustration, page 36.....	.10	.25	.40	.30	1.55	6.00
29½. VALENTINE WAX. A splendid prolific second-early.....	.10	.25	.40	.30	1.60	6.25
30. ★BURPEE'S BUSH LIMA. True bush lima—no poles.....	.10	.25	.40	.30	1.65	6.50
31. HENDERSON'S BUSH LIMA. The earliest bush lima.....	.10	.25	.40	.30	1.55	6.00
32. KING OF THE GARDEN LIMA. The favorite pole lima.....	.10	.25	.40	.30	1.60	6.25
33. FORD'S MAMMOTH PODDED. A large podded pole lima.....	.10	.25	.40	.30	1.60	6.20
33½. GREEN-SEEDED CARPINTERIA. A perfect pole lima.....	.10	.20	.35	.25	1.45	5.75
34. BURPEE-IMPROVED BUSH LIMA. The earliest lima.....	.10	.25	.45	.35	2.15	8.25
34½. FORDHOOK BUSH LIMA. The most prolific of all the bush limas.....	.10	.30	.50	.40	2.55	10.00
35. BEST OF ALL POLE (White Creaseback). The best early.....	.10	.20	.35	.25	1.35	5.25
36. LAZY WIFE POLE. The most popular pole bean.....	.10	.25	.40	.30	1.85	7.25
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.....	.10	.25	.45	.35	1.90	7.50
38. KENTUCKY WONDER. A very popular pole bean.....	.10	.20	.35	.25	1.40	5.50
39. SCARLET RUNNER. An ornamental snap pole bean.....	.10	.25	.45	.35	2.30	9.00

"BY EXPRESS OR FREIGHT" means f. o. b. Madison—the purchaser paying cost of transportation.

BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain $\frac{1}{4}$ oz., of seed and will plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Vitality of good seed, 90%. Order by number.

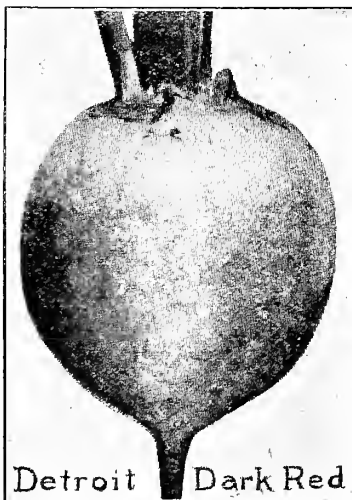


41. ★OLDS' IMPROVED BLOOD TURNIP. The standard early beet. The Early Blood Turnip Beet is one of the best-known and most popular of the early sorts. Olds' Improved is very smooth, of medium size (see illustration above) dark red flesh, fine grain, very sweet and tender. It grows quickly, with small, uniform tops. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

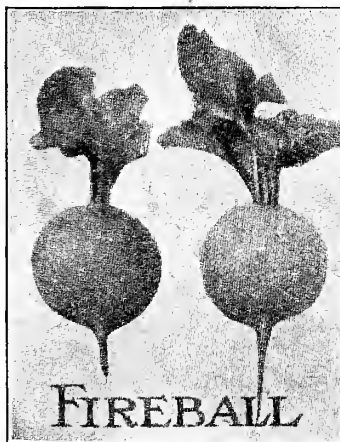
40½. ★OLDS' EARLIEST FORCING (Fireball). A new extra early beet; suitable for forcing. This beet is bright red in color, has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small (see illustration), making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is also a valuable sort to sow in the open ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

48. DETROIT DARK RED TURNIP. A very fine early turnip beet, with dark red skin and bright red flesh. It grows very smooth, is globular in shape—see illustration, and is tender and sweet. A splendid beet for bunching for market and one of the best for the market garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

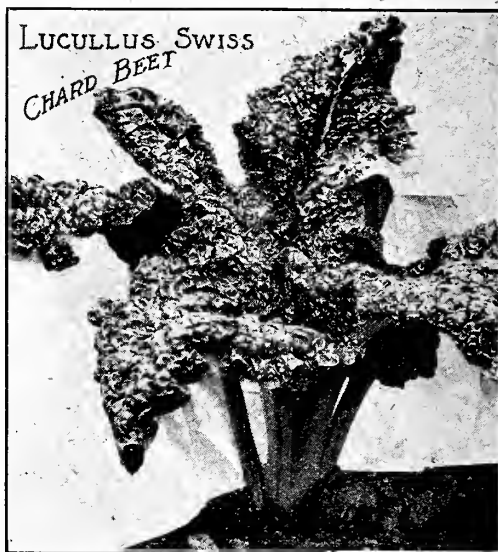
50. NEW COLUMBIA. A superb main-crop variety. This beet grows from 3 to 4 inches in diameter; smooth and free from small rootlets. Flesh deep blood-red, tender and of rich flavor. Compared with the large standard varieties, Columbia has proven earlier than any, and best of all in quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.



Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

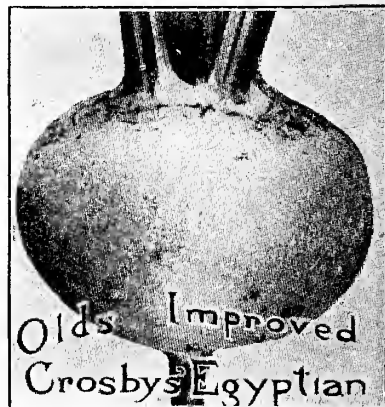


52½. LUCULLUS SWISS CHARD. The new Swiss Chard, or Spinach Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration above, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

45. ★NEW EARLY MODEL. The perfect Beet. It is medium early, coming in between the Electric and Crimson Globe. The bulbs run very uniform and are almost round; fine-grained, tender and sweet—never woody or stringy. It is a fine variety for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

51. OLDS' IMPROVED CROSBY'S EGYPTIAN. The most desirable early market beet. A selection from Early Egyptian, which is the standard extra early sort. It retains the earliness of its parent, and has a more desirable shape—see illustration. It is deep red in color and better quality than Egyptian, being sweeter and more tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

☛ If your order for garden seeds amounts to \$5.00 or more, send for our market gardeners' net price list before ordering.



Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

See next page for prices of Beet by express or freight, not prepaid.



54½. OLDS' DANISH BLOOD TURNIP. A grand new table beet combining more good qualities than any other round variety. It is a handsome round beet: fine grained, with blood red flesh. Very early, tender and makes a handsome pickling sort. It retains its crispness and freedom from woodiness throughout the entire season. The tops are rich blood-red in color and can be used in ornamental bedding. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

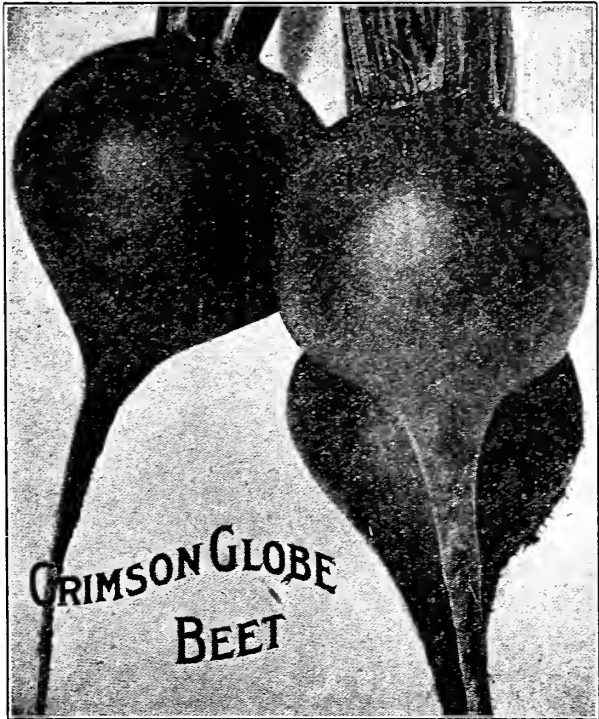
43. ★THE ELECTRIC. The best second early beet. The Electric is remarkably uniform in shape and size, with smooth, dark red skin, small leaves and a small tap root. The flesh is fine grained and tender. We recommend the Electric to all those wanting a fine early table beet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



45½. OLDS' DANISH HALF LONG. A new table beet, unequalled for slicing. It grows partly out of the ground and is free from roughness. It tapers from three inches in diameter, at the shoulder, to a slender root brilliant red in color and very handsome in appearance when cooked and sliced for the table. It is tender, fine grained and of excellent quality—try it. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

44. EARLY ECLIPSE. The Eclipse is a round uniform shaped beet (see illustration). The roots are bright deep red, smooth and have small tops. The flesh is bright red, very sweet, crisp and tender. It is nearly as early as the Early Egyptian and is very desirable as a family garden variety. The Eclipse can also be planted in June and used during the winter months. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

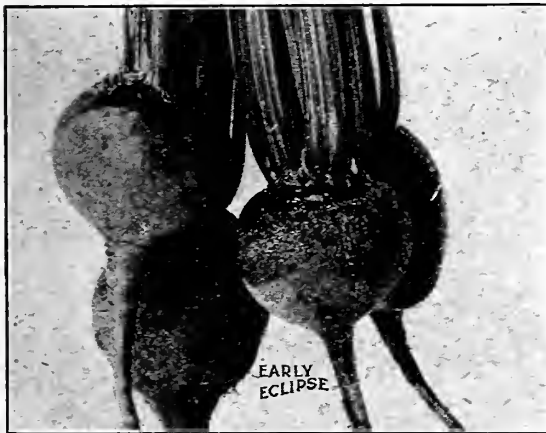
54. EARLY YELLOW TURNIP. An early, yellow globe-shaped variety; very sweet, tender and crisp. Both skin and flesh a bright light yellow, in marked contrast to the deep coloring of other varieties. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.



52. ★CRIMSON GLOBE. A new variety of great merit. Unequaled for table use; very handsome, (illustrated above), early and suitable for a main crop variety, of medium size, almost globe-shaped and free from rootlets. The flesh is a deep purplish crimson and of the finest quality, always sweet and tender, and never stringy. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c.

49. MARKET GARDENERS'. The great all-season beet. Makes a rapid growth and heavy root, for autumn or winter use. Deep red, sweet and very crisp. Keeps well and appeals very strongly to everybody wanting a first-class all-season's table beet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

WE PAY PARCEL-POST CHARGES on all garden and flower seeds, offered by the packet, ounce, quarter-pound, pound and up to five pounds in weight. We are centrally located and can pay the postage, without increasing the cost of the seed, as much as some others. Catalogue prices include postage to destination, unless otherwise noted.



BEETS. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
40.	IMPROVED EARLY EGYPTIAN. The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.				
40½.	★OLDS' EARLIEST FORCING (Fireball) A new extra early beet, suitable both for forcing and the open ground.	\$0.05	\$0.10	\$0.15	\$0.50
41.	★OLDS' IMPROVED BLOOD TURNIP. The standard early beet.	.05	.10	.20	.65
42.	EDMUND'S EARLY BLOOD TURNIP. Dark red; fine flavor; good for winter use, and one of the best beets grown.	.05	.10	.20	.60
43.	★THE ELECTRIC. The best second early beet.	.05	.10	.15	.50
44.	EARLY ECLIPSE. Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained.	.05	.10	.23	.75
45.	★NEW EARLY MODEL. The perfect beet.	.05	.10	.15	.50
45½.	OLDS' DANISH HALF LONG. A new brilliant red beet.	.05	.10	.20	.60
46.	HALF LONG BLOOD. Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.	.05	.10	.15	.50
47.	LONG SMOOTH BLOOD RED. A well-known winter beet; late in maturing, but an excellent keeper.	.05	.10	.15	.50
48.	DETROIT DARK RED TURNIP. A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh.	.05	.10	.20	.65
49.	MARKET GARDENERS'. The great all seasons' beet.	.05	.10	.20	.60
50.	NEW COLUMBIA. A fine main crop variety.	.05	.10	.20	.60
51.	CROSBY'S EGYPTIAN. A most desirable early market beet.	.05	.10	.20	.65
52.	★CRIMSON GLOBE. A new variety of great merit.	.05	.10	.15	.45
52½.	★LUCULLUS SWISS CHARD. The new Swiss Chard Beet.	.05	.10	.20	.60
53.	SWISS CHARD. The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus.	.05	.10	.15	.50
54.	EARLY YELLOW TURNIP. An early yellow, globe-shaped variety.	.05	.10	.15	.50
54½.	OLDS' DANISH BLOOD TURNIP. Round, fine-grained with blood-red flesh. See description above.	.05	.10	.15	.50

Do not fail to take advantage of our liberal Cash Discounts. See page 33.

MANGELS AND SUGAR BEETS



Mammoth Long Red.



GOLDEN TANKARD MANGEL

56. GOLDEN TANKARD. The best yellow-fleshed mangel in cultivation. It contains a larger percentage of sugar than the red mangels. It has a small tap-root and grows largely above ground—see illustration. It can be grown closely in rows and yields enormously. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 30c. Not postpaid: 5 lbs., \$1.00.

59 $\frac{1}{2}$. DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish yellow root, growing more than half above ground and is easily harvested—see illustration. It excels any other variety in weight, feeding value, and yield. Our seed is from the best Danish growers. Oz. 5c; $\frac{1}{4}$ lb., 15c; lb., 40c. Not postpaid: 5 lbs., \$1.50.

59. GIANT ECKENDORF. This German Mangel contains a large amount of nutritive matter and is also a very heavy yielder. The roots are immense and often weigh from 15 to 20 pounds each. They are cylindrical in form, and on account of growing the



DANISH SLUDSTRUP

larger part out of the ground are easily harvested. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c. Not prepaid: 5 lbs., \$1.25.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. 2 lbs. or more at 5-lb. rates. Order by number.

- 55. MAMMOTH LONG RED.** The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested. Not postpaid: 5 lbs., \$1.00
- 56. GOLDEN TANKARD.** The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.
- 57. GOLDEN GIANT INTERMEDIATE.** Intermediate between the long and the globe-shaped. Not postpaid: 5 lbs., \$1.00
- 58. CHAMPION YELLOW GLOBE.** The best globe-shaped mangel
- 59. GIANT ECKENDORF.** The most popular mangel in Germany, also proving very satisfactory in the United States—has a high percentage of dry matter and is easily harvested.
- 59 $\frac{1}{2}$. DANISH SLUDSTRUP.** A new mangel, described and illustrated above.
- 60. LANE'S IMPERIAL SUGAR.** A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable to grow for feeding. Not postpaid: 5 lbs., \$1.25.
- 61. KLEIN WANZLEBEN SUGAR.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar
- 62. VILMORIN'S IMPROVED SUGAR.** An improved French variety; very rich, containing usually as high as 16 per cent of sugar
- 63. GIANT HALF-SUGAR.** One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Not postpaid: 5 lbs., \$1.00

By parcel post.

pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
\$....	\$0.05	\$0.10	\$0.30	\$1.25
.....	.05	.10	.30	1.25
.....	.05	.10	.30	1.25
.....	.05	.15	.35	1.50
.....	.05	.10	.35	1.50
.....	.05	.15	.40	1.75
.....	.05	.10	.35	1.50
.....	.05	.10	.35	1.50
.....	.05	.15	.40	1.75
.....	.05	.10	.30	1.25

BRUSSELS SPROUTS.

A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.

65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature of this variety is that almost the whole stalk is covered and those at the bottom of the stalk are as fine and solid as those further up. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which can only reach perfection in Denmark. Each packet contains $\frac{1}{2}$ oz. of seed, sufficient to produce 500 plants; $\frac{1}{4}$ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Vitality of good seed, 90%. Order by number. Use Slug Shot as a remedy for cabbage worms. See page 91.

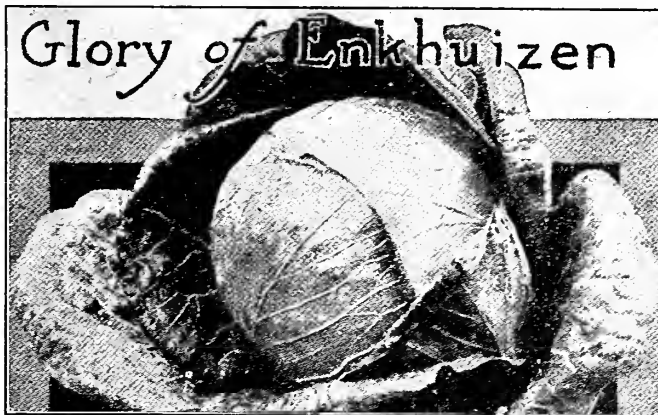


70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. The best early cabbage in cultivation. It forms fine, solid heads of good size, with very few outer leaves, and is of the best quality. Seed grown from selected heads only. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

74. ★THE VOLGA. A valuable acquisition in the cabbage line. The heads are as round as a ball. The flesh is firm and tender. It matures two weeks earlier than any other of our late growing sorts, and if set out early will mature in July and August. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

85. OLDS' SELECT DANISH BALL HEAD. The best cabbage for keeping through the winter. The heads are perfectly round (see illustration above), solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best imported Danish-grown Seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

THIS CATALOGUE is mailed without request to all who have ordered of us in the last three years. Please notify us of any change of post-office address.

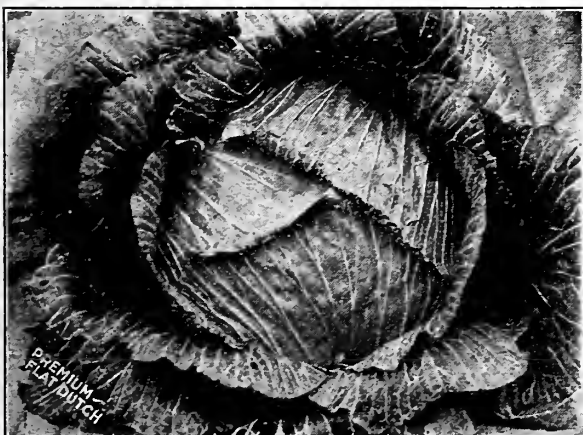


88 $\frac{1}{2}$. GLORY OF ENKHUIZEN. A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration above), with few outer leaves and just right for market; very productive and excellent in quality; surpassing in flavor most of the other varieties. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

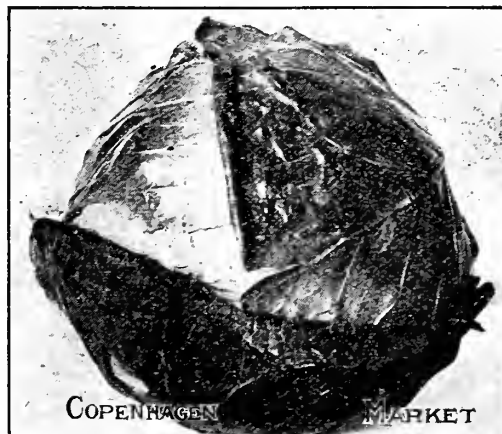
79. OLDS' BRIDGEPORT DRUMHEAD. A select strain of the finest of all Drumheads; grown only from the largest and most perfect heads. It makes a very large, round, firm head. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

85 $\frac{1}{2}$. THE HOLLANDER. An excellent cabbage for late spring and for shipping. The heads are of medium size, solid and handsome in appearance, good keepers. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.

87 $\frac{1}{2}$. OLDS' LONG STEM BALL HEAD. (Danish-Grown). The Danish Ball Head has a very solid head and is unequaled for shipping and keeping qualities. Many trials have demonstrated this. The Long Stem is the best strain of Ball Head and produces a fine market size head. The head is very hard, almost round, fine grained and heavier than any other of equal size. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



82. ★PREMIUM LATE FLAT DUTCH. A greatly improved strain of the old favorite cabbage. The plant has a short stem with large outer leaves (illustrated above), and is sure-heading. It is a good keeper and largely grown for main crop. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.40.



84 $\frac{1}{2}$. COPENHAGEN MARKET. The new Danish cabbage and the earliest ball-shaped variety; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each—illustrated above. Pkt., 10c; 2 pkts., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.05; lb., \$4.00.

We catalogue the best American and Danish grown Cabbage—see next page for full list.

CABBAGE. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

By parcel post.

		pkt.	oz.	¼ lb.	lb.
70.	★ OLDS' SELECT EARLY JERSEY WAKEFIELD. Best early cabbage.....	\$0.05	\$0.15	\$0.50	\$1.75
71.	EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads.....	.05	.15	.55	1.95
72.	LARGE WAKEFIELD or CHARLESTON. About a week later than Jersey Wakefield and about half as large again.....	.05	.15	.50	1.85
73.	EARLY SPRING. The earliest flat-headed variety.....	.05	.15	.50	1.75
74.	★ THE VOLGA. A valuable acquisition in the cabbage line.....	.05	.15	.55	2.00
75.	★ ALLHEAD EARLY. Best all-the-year-round cabbage.....	.05	.15	.50	1.75
76.	THE HOUSER. A favorite late winter cabbage.....	.05	.15	.55	2.00
77.	HENDERSON'S SUCCESSION. Second early.....	.05	.15	.40	1.40
77½.	ROUND EXPRESS. A new Danish variety. Considered to be the best early round-headed cabbage grown.....	.05	.15	.55	2.00
78.	SURE HEAD. All head and sure to head.....	.05	.15	.45	1.65
79.	OLDS' BRIDGEPORT DRUMHEAD. A select strain.....	.05	.15	.50	1.85
80.	ALL SEASONS. Good for both early and late.....	.05	.15	.50	1.75
81.	EARLY SUMMER. A great favorite with market gardeners.....	.05	.15	.40	1.50
81½.	EARLY FLAT DUTCH. An extra fine second early.....	.05	.15	.40	1.45
82.	★ PREMIUM LATE FLAT DUTCH. An old favorite variety.....	.05	.15	.40	1.40
82½.	EARLY WINNINGSTADT. One of the best for general use—sure to head.....	.05	.15	.50	1.75
83.	PERFECTION DRUMHEAD SAVOY. The best of all the Savoy.....	.05	.15	.50	1.85
84.	FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.....	.05	.15	.45	1.60
84½.	COPENHAGEN MARKET. Earliest round-head variety. Page 43.....	.10	.30	1.05	4.00
85.	★ OLDS' SELECT DANISH BALL HEAD. The best keeper for winter.....	.05	.15	.40	1.50
85½.	THE HOLLANDER. Fine for late spring and for shipping.....	.05	.15	.45	1.65
86.	DANISH SUMMER BALL HEAD. An excellent second early.....	.05	.15	.40	1.50
86½.	DANISH DARK RED BALL HEAD. Valuable for kraut.....	.05	.15	.45	1.65
87.	OLDS' DANISH SUREHEADER. Sure to head. Page 43.....	.05	.15	.45	1.65
87½.	OLDS' LONG STEM BALL HEAD. The best Danish-grown seed.....	.05	.15	.50	1.75
88.	FILDERKRAUT. Pointed heads; much used for kraut.....	.05	.15	.45	1.70
88½.	GLORY OF ENKHUIZEN. A new variety. See page 43.....	.05	.15	.55	2.00
89.	MAMMOTH ROCK RED. Hard-heading; fine for pickling.....	.05	.15	.50	1.75
89½.	RED DUTCH. A red cabbage for pickling.....	.05	.15	.45	1.65

CARROT

Our carrot seed is grown from carefully selected roots. Each packet contains ¼ oz. of seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two lbs. or more at 5-lb. rates. Vitality of good seed, 80%. Order by number.



108. **OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets, small tap root, etc., this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. It is a good keeper and never becomes stringy—illustrated below. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c. Not postpaid: 5 lbs., \$3.75.



100. ★**DANVERS HALF LONG.** Stump-rooted, of excellent color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c. Not postpaid: 5 lbs., \$2.75.

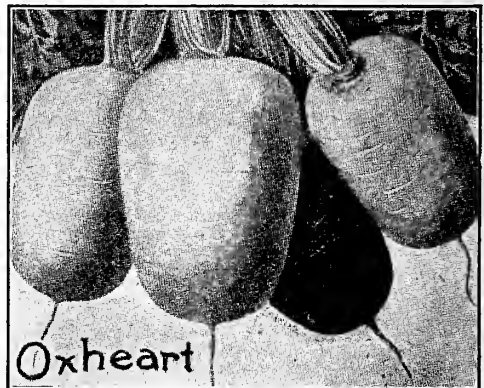
101. ★**EARLY SHORT TOP.** One of the best for family use. It is an attractive stump-rooted variety and one suited for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c. Not postpaid: 5 lbs., \$3.00.

101½. **HALF-LONG RUBICON.** A distinct variety. The best in shape and color. Earlier than Danvers and a heavy cropper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.25.



102. **OLDS' IMPROVED LONG ORANGE.** A standard late variety; deep orange color; much improved by selection; of the best formed and deepest colored roots. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c. Not postpaid: 5 lbs., \$1.75.

104. ★**EARLY CHANTENAY.** Very early, and most profitable of all early carrots. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c. Not postpaid: 5 lbs., \$3.75.



103. ★**OXHEART.** The best all-round carrot. Very thick, 5 inches long and nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c. Not postpaid: 5 lbs., \$3.75.

We pay parcel post charges, to destination, on all garden and flower seed—unless otherwise noted.



112. **THE MASTODON.** The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Oz., 10c; ¼ lb., 15c; lb., 45c.

☛ We can also furnish cabbage and cauliflower plants, (page 45) in season—see page 83.

CARROT. Full List.

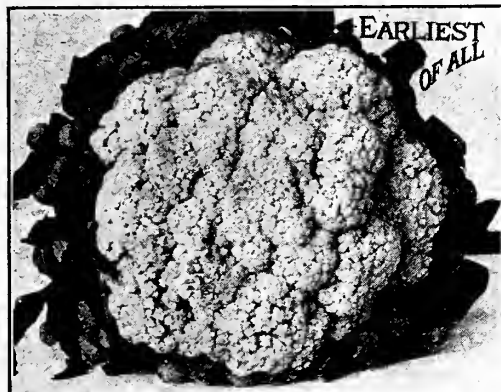
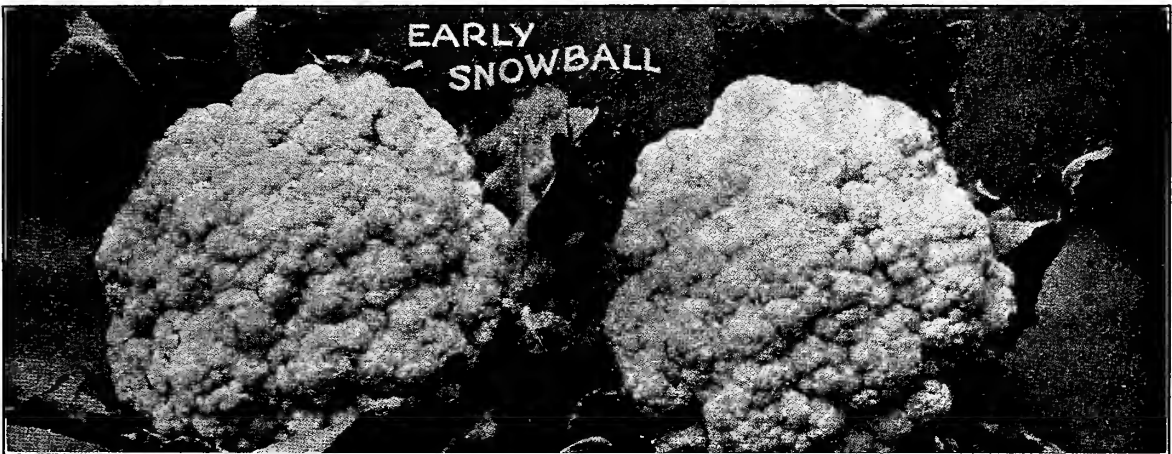
Half-pounds at pound rates. Market Gardeners' list for larger quantities.

By parcel post.

		pkt.	oz.	¼ lb.	lb.	5 lbs.
100.	★ DANVERS HALF LONG. A general favorite.....	\$0.05	\$0.10	\$0.20	\$0.65	\$3.00
101.	★ EARLY SHORT TOP. One of the best carrots for home use.....	.05	.10	.25	.70	3.25
101½.	★ HALF-LONG RUBICON. An ideal market gardeners' variety.....	.05	.10	.25	.75	3.50
102.	★ OLDS' IMPROVED LONG ORANGE. The standard late variety.....	.05	.10	.15	.45	2.00
103.	★ OXHEART. The best all-round carrot.....	.05	.10	.25	.85	4.00
104.	★ EARLY CHANTENAY. One of the best early carrots.....	.05	.10	.25	.85	4.00
105.	★ EARLIEST FRENCH FORCING. Used expressly for forcing.....	.05	.10	.25	.70	3.25
106.	★ EARLY SCARLET SHORT-HORN. A popular early variety.....	.05	.10	.25	.75	3.50
107.	★ INTERMEDIATE OR ST. VALERY. A fine late variety.....	.05	.10	.15	.50	2.25
108.	★ OLDS' HALF-LONG STUMP-ROOTED. One of the best carrots we know of—see illustration and description. Page 44.....	.05	.10	.25	.85	4.00
110.	★ LARGE WHITE BELGIAN. A stock carrot; very productive.....		.10	.15	.50	2.25
111.	★ LONG ORANGE BELGIAN. For stock; orange colored roots.....		.10	.15	.50	2.25
112.	★ THE MASTODON. The heaviest cropper. Illustrated, page 44.....		.10	.15	.45	2.00

CAULIFLOWER

Our cauliflower seed is grown in Denmark and is the best that can be procured. Each packet contains enough seed to produce 250 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Those marked with a star are the varieties we specially recommend. Order by number.



95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration opposite. It is the best variety for forcing, also desirable for frames and the open ground, where an early market is desired. Pkt., 10c; 2 pkts., 15c; ¼ oz., 20c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.50.

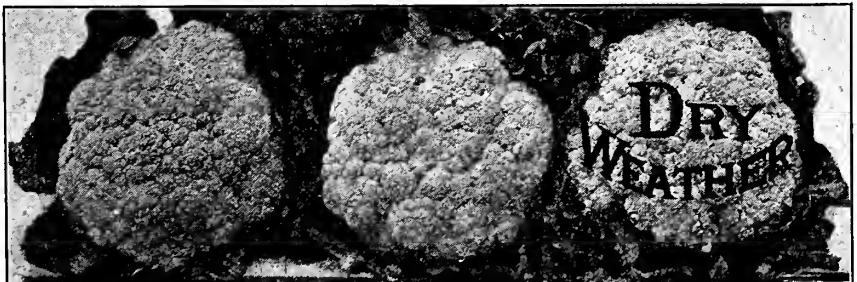
90. ★**IMPROVED EARLY SNOWBALL.** We know of no better type of this variety—very early, smooth, rounded heads (see illustration above), fine grained, compact and even in size. The Snowball is now the standard variety the country over. Good for either home use or market. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.75.

91. **EARLY FAVORITE.** This is a fine strain of cauliflower. If you want a good variety at a low price, you will make no mistake in ordering the "Favorite." Pkt., 5c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

92. **LARGE EARLY ERFURT.** Best for second early, about two weeks later than Early Snowball. Pkt., 10c; 2 pkts., 15c; ¼ oz., 25c; ½ oz., 45c; oz., 80c; ¼ lb., \$3.00.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

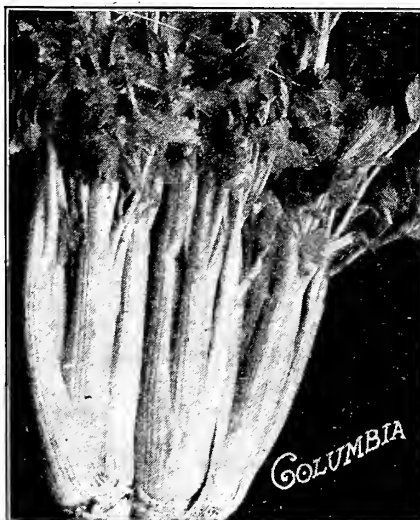
93. ★**DRY WEATHER.** The best Cauliflower for every kind of soil. It produces large, solid, pure white heads (see illustration opposite). It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c; ½ oz., 55c; oz., \$1.00, ¼ lb., \$3.75.



CELERY

☛ We can furnish celery plants in season—see page 83.

Celery seed is slow to germinate. Vitality of good seed 65%. Cover light and keep moist. Our packets each contain enough to produce 1,000 plants; 2 oz., of seed sufficient for one acre. Those marked with a star are the varieties we specially recommend. Order by number.



117. ★**GOLDEN SELF-BLANCHING.** The leading early variety. (Illustrated below). Stalks are broader and heavier than those of White Plume, and superior in quality, while it is only a little later. Our seed is a selected strain. Pkt., 15c; 2 pkts., 25c; ½ oz., 50c; oz., 90c.

115. **WHITE PLUME.** Olds' select. The earliest celery known. A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. Not a good keeper, but an excellent sort for fall and early winter use. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

121. ★**WINTER QUEEN.** A most desirable winter variety. It will keep late into spring; is beautiful in appearance, of close habit and compact growth; ribs perfectly solid and crisp. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

123½. **COLUMBIA.** An early variety of fine shape and quality. The plant is of medium height and very stocky—see illustration. The stalks are thick and almost round. The color is a rich yellow tint. It is certainly a fine celery and many of those who have given it a trial prefer it to any other. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 65c.

120½. **MAGNIFICENT.** A fine late celery; noted for its keeping qualities. The stalks are long and thick; very brittle, solid, crisp and when blanched, of a golden yellow color; excellent for winter use. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

119. **OLDS' NEW ROSE.** The best red celery; of excellent flavor, solid, crisp and stringless. The new rose is a splendid late variety and an excellent keeper. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

CULTURAL DIRECTIONS, in the form of a vest pocket booklet—sent with every order for garden or flower seeds.

CELERY. Full List.

One pound of any variety at 3½ times the price of ¼ lb. ½ lbs. at lb. rates.

		By parcel post.			
		pkt.	½ oz.	oz.	¼ lb.
115.	WHITE PLUME. Olds' Select. The earliest celery known.....	\$0.05	\$0.10	\$0.15	\$0.50
116.	PINK PLUME. A strong, healthy, compact grower; solid and crisp.....	.05	.10	.15	.50
117.	★ GOLDEN SELF-BLANCHING. The leading early variety.....	.15	.50	.90	3.50
118.	GIANT FASCAL. Best for fall and winter use. Stalks are very large.....	.05	.10	.15	.50
119.	OLDS' NEW ROSE. The best red celery; very solid.....	.05	.10	.15	.50
120.	DWARF GOLDEN HEART. A standard variety, grown for market.....	.05	.10	.15	.45
120½.	MAGNIFICENT. A late variety; noted for its keeping qualities.....	.05	.10	.15	.50
121.	★ WINTER QUEEN. A most desirable variety for winter use.....	.05	.10	.15	.40
122.	★ SNOW WHITE. A free blancher and not subject to rust. It is of good size and is without a rival in purity of color.....	.05	.10	.15	.50
123.	SILVER SELF-BLANCHING. A white self-blanching celery, combining the grand qualities of Golden Self-Blanching and White Plume.....	.05	.10	.15	.50
123½.	COLUMBIA. Described and illustrated above.....	.05	.15	.20	.65
124.	CELERY FOR SEASONING. Good, clean seed.....	.05	.05	.08	.20

CELERIAC. 125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb. \$1.50.

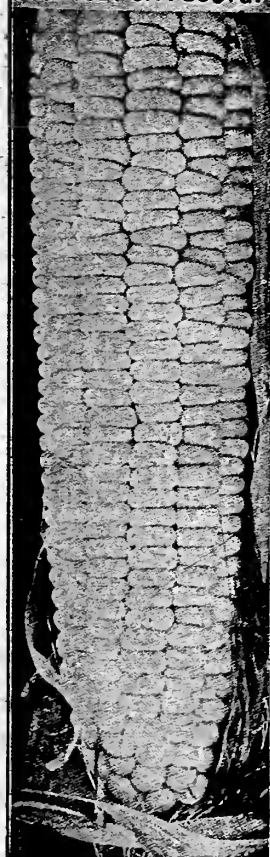
SWEET CORN

Our Sweet or Sugar Corn is properly cured and first class in every respect. Our packets each contain 1½ ounces, sufficient to plant 20 to 25 hills. Vitality of good seed, 95%. Order by number. Sweet corn is sold by measure. For prices by express or freight—see page 49.

Plant at intervals of two weeks until One peck will plant an acre in hills.



PEEP O' DAY
Earliest on record.



condition for cooking. Our seed is carefully selected for large ear and deep kernel. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

CULTURAL DIRECTIONS FREE. For several years we printed cultural directions on the backs of packet and ounce bags. We now have them printed in the form of a booklet—a copy of which is sent with every order for Garden or Flower seeds.

141½. GOLDEN CREAM. A distinct extra early variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman—see illustration, but the color is a rich cream, cooking to a light golden yellow. The flavor is rich, nut-like and delicious. The stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit and we recommend that all lovers of good corn give it a trial. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 20c; qt., 30c.



137. OLDS' IDEAL EARLY. A true Sweet corn. C. S. Clark, of Wakeman, Ohio, writes: "Your Olds' Early is now 10 days earlier than when we first got it. It is a grand, early, white, pure sweet corn." We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil. The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen (see illustration), of excellent flavor, which combined with its earliness makes it a most desirable corn. It is something wonderful for so early a variety. It has large grains and very showy. It is a true sweet corn, it sells on any market and is just the corn market gardeners are looking for. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 20c; qt., 35c.

135. PEEP O'DAY. A Good Extra Early. Described as the "earliest on earth." Originated in Minnesota; ears 5 inches long, perfectly formed, and well filled—see illustration. The corn is very tender and sweet. We believe Peep O'Day is the earliest variety of sweet corn yet introduced. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

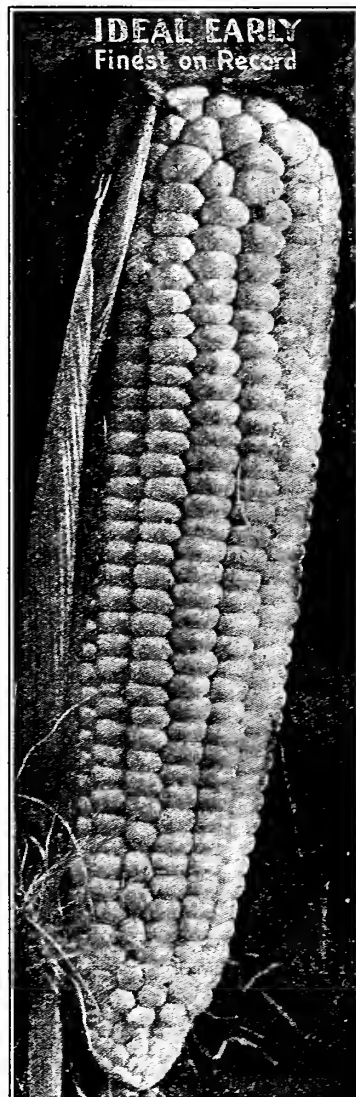
141. PREMO. Claimed to be the best early sweet corn in cultivation. First introduced in 1900. The Premo is a genuine sweet corn, and not only combines all the good qualities of most of the leading early varieties, but is really superior to many of them in size, quality and appearance. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

142. GOLDEN BANTAM (Burpee's). Claimed to be the earliest sweet corn, but with us, planted at the same time as Peep O'Day, Cory and other early varieties, it matured 10 days after Peep O'Day. The Bantam originated in Massachusetts; is a deep yellow in color and very sweet. We have the genuine. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 20c; qt., 35c.

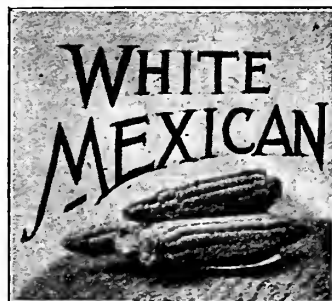
136. MAMMOTH WHITE CORY. A fair size eared early variety; with the exception of Peep O'Day and Golden Bantam, this is the earliest variety on our list. Mammoth White Cory is no later than the old Cory, so famous as the standard extra early, but is 12-rowed instead of 8-rowed, which makes it a much more valuable variety. The grain is large, broad, pure white, and of excellent quality for an extra early. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

144. ★WHITE MEXICAN. The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, furnishing edible ears (see illustration) from four to six days later than Cory. We claim the White Mexican and Olds' Ideal will lead all the early sorts on account of size of ear, sweetness and fine flavor. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

147. STOWELL'S EVERGREEN. The Best Late Sweet Corn for any purpose. Well known and very popular everywhere. It is a large eared variety, very hardy, productive, sweet and tender, and remains a long time in suitable



IDEAL EARLY
Finest on Record

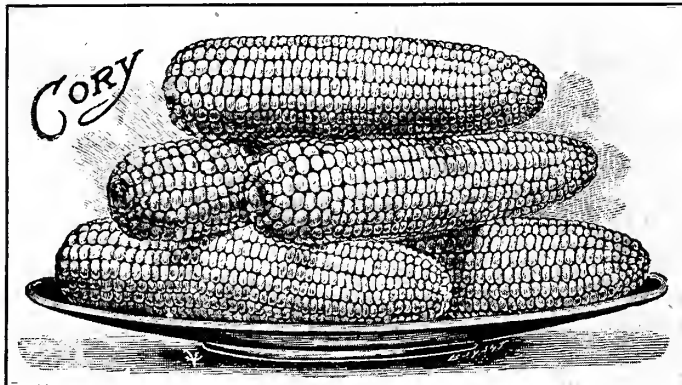


WHITE MEXICAN

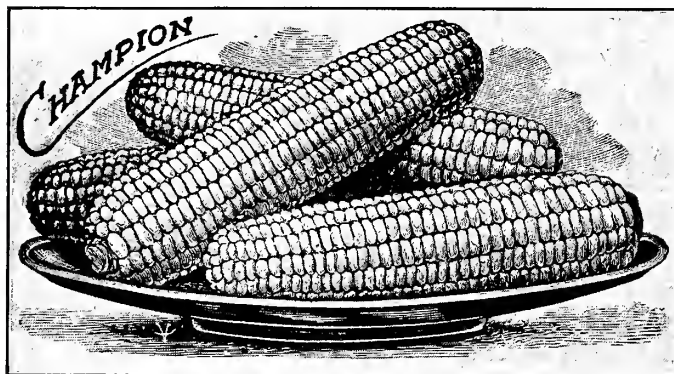
THE BEST SWEET CORN FOR SUCCESSION.

For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136), **EARLY CHAMPION** (139) and **STOWELL'S EVERGREEN** (147).

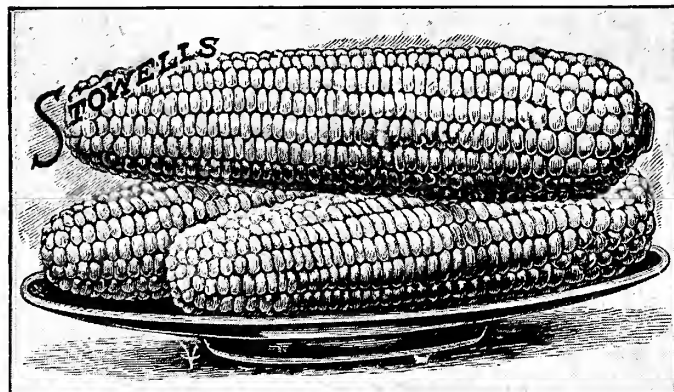
One pkt., each 10c; one ½ pt., each, 20c; one pt. each, 35c; one qt. each, 65c. Not postpaid: one qt. each, 45c.



136. **MAMMOTH WHITE CORY.** One of the earliest varieties. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.



139. **EARLY CHAMPION.** The largest eared early sweet corn. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

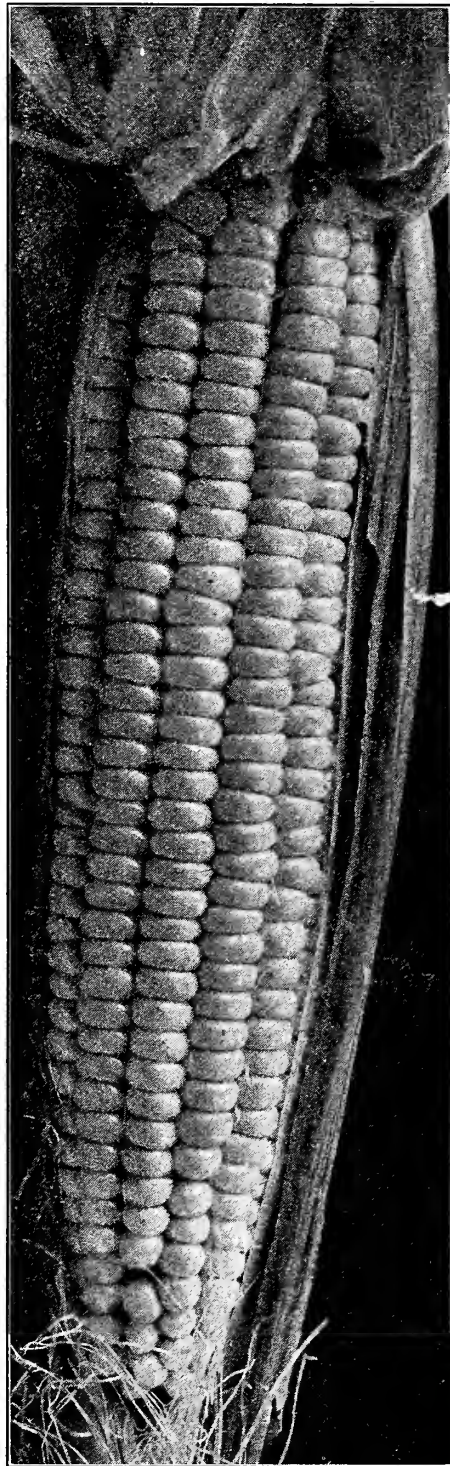


147. **STOWELL'S EVERGREEN.** The best late sweet corn for all purposes. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.



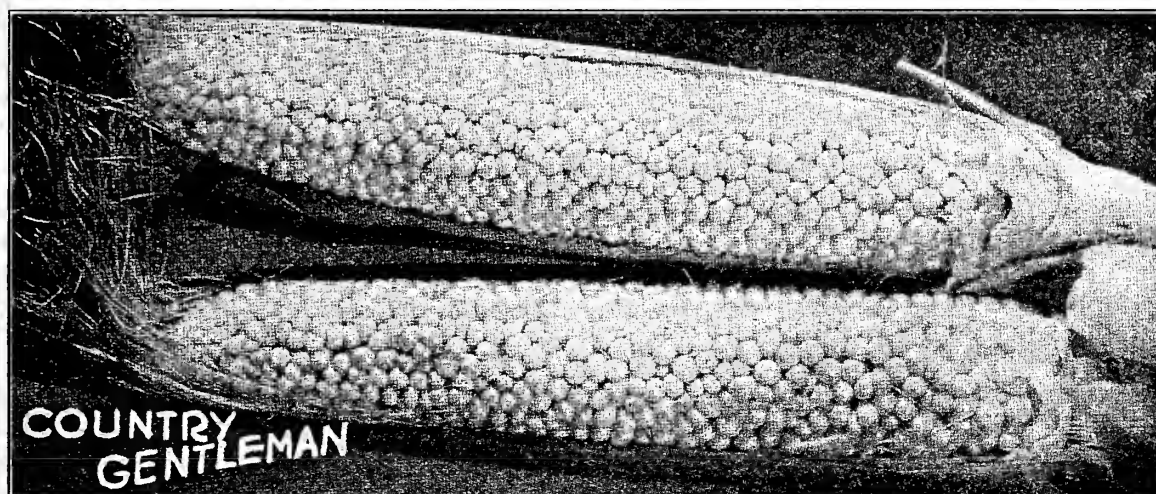
145. **★OLDS' EARLY EVERGREEN.** Like Stowell's Evergreen, only ten days earlier. Large handsome ears, about 8 inches long (see illustration) and identical in flavor with the famous Stowell's Evergreen. This variety is indispensable to the market gardener and equally desirable for the home garden. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c.

Sweet Corn weighs from 40 to 56 lbs. to the measured bushel (according to variety), and is therefore sold by measure. Our pints and quarts are fractional parts of a Wisconsin standard measured bushel.



Olds' Early Evergreen, Pkt., 5c.

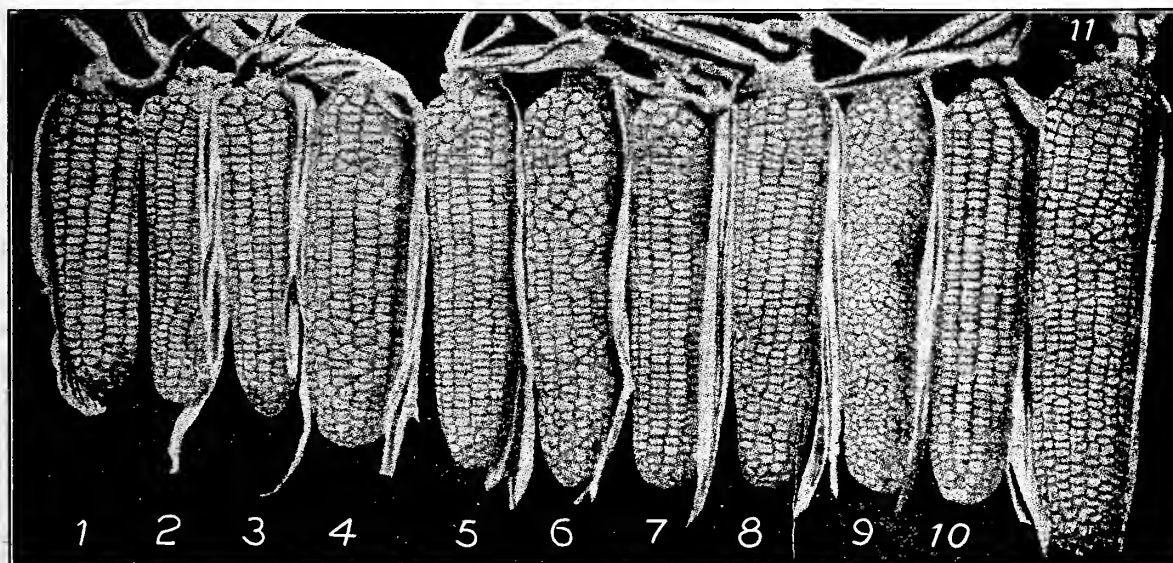
If \$5.00 worth of Garden Seeds are wanted, get our Market Gardeners' list before ordering.



139½. **COUNTRY GENTLEMAN.** We consider this the sweetest sweet corn grown. It is also one of the most productive. The stalks grow from 6 to 7 feet high and produce from 3 to 5 ears each. The ears are from 7 to 8 inches long (illustrated above). The kernels are deep and the cob is small. Pkt., 5c; 3 pkts., (½ pt.), 10c; 10c; pt., 20c; qt., 30c.

149. **LATE MAMMOTH.** The largest-eared variety. It is of excellent quality, sweet, tender and delicious, and its only fault (if this can be considered a fault) is the immense size of the ears. Pkt., 5c; 3 pkts., (½ pt.), 10c; pt., 15c; qt., 25c, postpaid.

OUR AIM is to furnish such good seeds that we shall be well advertised in your neighborhood.



SWEET CORN. Full List.

Pints, half-pecks and half-bushels at qt., pk. and bu. rates.

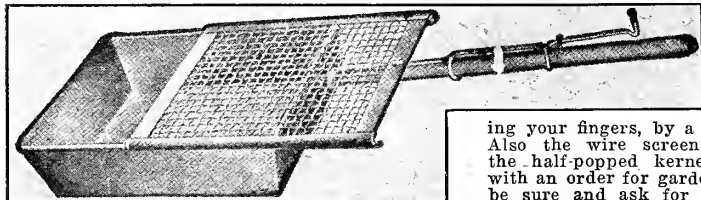
	By parcel post.			By exp. or frt., not prepaid.		
	pkt.	pt.	qt.	qt.	pk.	bu.
135. PEEP O' DAY. Earliest of all. Fig. 2.....	\$.05	\$0.15	\$0.25	\$0.15	\$0.90	\$3.45
136. MAMMOTH WHITE CORY. Earliest variety excepting Peep O' Day and Golden Bantam. Fig. 4.....	.05	.15	.25	.15	.85	3.25
137. ★OLDS' IDEAL EARLY. The best early sweet corn. Fig. 5, also page 47...	.05	.20	.35	.25	1.10	4.00
138. EARLY MINNESOTA. A standard early variety. Fig. 7.....	.05	.15	.25	.15	.80	2.85
139. ★EARLY CHAMPION. The largest-eared early sweet corn. Fig. 10.....	.05	.15	.25	.15	.80	3.35
139½. COUNTRY GENTLEMAN. The sweetest corn grown. Fig. 9.....	.05	.20	.30	.20	1.00	3.75
140. KENDEL'S EARLY GIANT. Large handsome ears.....	.05	.15	.25	.15	.85	3.20
140½. BLACK MEXICAN. Medium early; sweet and tender.....	.05	.15	.25	.15	.80	2.95
141. PREMO. Claimed to be the best early sweet corn. Fig. 3.....	.05	.15	.25	.15	.90	3.50
141½. GOLDEN CREAM. A distinct variety. See page 47.....	.05	.20	.30	.20	1.00	3.75
142. GOLDEN BANTAM. Burpee's. Fig. 1.....	.05	.20	.35	.25	1.10	4.00
143. CROSBY'S EARLY. A favorite with canners.....	.05	.15	.25	.15	.75	2.85
143½. HICKOX IMPROVED. A popular canning variety.....	.05	.15	.25	.15	.70	2.75
144. ★WHITE MEXICAN. The best early market variety.....	.05	.15	.25	.15	.80	3.00
144½. COSMOPOLITAN. A grand second-early variety. Fig. 6.....	.05	.15	.25	.15	.85	3.25
145. ★OLDS' EARLY EVERGREEN. Fig. 8, and page 48.....	.05	.15	.25	.15	.80	2.85
146. WHITE EVERGREEN. A new variety. Pure white.....	.05	.15	.25	.15	.85	3.15
147. STOWELL'S EVERGREEN. The best late sweet corn.....	.05	.15	.25	.15	.80	2.95
148. ZIG-ZAG EVERGREEN. Large kernels, very sweet.....	.05	.15	.25	.15	.80	3.00
149. LATE MAMMOTH. The largest-eared variety. Fig. 11.....	.05	.15	.25	.15	.90	3.45

Order by number. The number at the left of each variety, if used, will help in filling orders.

POP CORN AND PEANUTS

Any boy or girl sending us an order amounting to 25 cents or more, can have a packet of Red Beauty Pop Corn FREE.

Any boy or girl sending us an order amounting to 50 cents or more can have a packet of Mammoth Peanuts and a packet of Pop Corn FREE. Be sure and ask for them when you order.



ing your fingers, by a simple contrivance—as shown in the illustration. Also the wire screen in the lid permits the operator, to sift out the half-popped kernels, if desired. Price 35 cents, each; or free with an order for garden or flower seeds, amounting to \$3.00, or more—be sure and ask for it when ordering.

PERFECTION CORN POPPER.

For Popping Corn and Roasting Peanuts. The wire cloth popper permits you to see the kernels burst and to know when the corn is done. The lid is easily opened, without burning your fingers, by a simple contrivance—as shown in the illustration. Also the wire screen in the lid permits the operator, to sift out the half-popped kernels, if desired. Price 35 cents, each; or free with an order for garden or flower seeds, amounting to \$3.00, or more—be sure and ask for it when ordering.

POP CORN.

150. OLDS' IMPROVED WHITE RICE. Every grower of pop corn is acquainted with White Rice. It is the most popular variety, and always commands the highest price. Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 20c; 2 lbs., 35c. By express or freight, not postpaid: Lb., 15c; 2 lbs., 25c; 5 lbs. or more, 10c per lb.

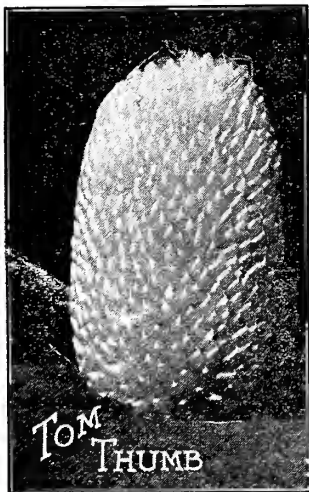
151. QUEEN'S GOLDEN. Largest and most productive variety. Kernels are smooth, handsome, and of a golden yellow color. Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 20c; 2 lbs., 35c. Not postpaid: lb., 15c; 2 lbs., 25c; 5 lbs. or more at 10c per lb.

152. RED BEAUTY. A new red rice pop corn; medium-sized ears, with very small cob. It is early; ready for popping in four months from planting, and when popped expands into a large, tender, flake-like puff. Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 20c; 2 lbs., 35c. By express or freight, not postpaid: Lb., 15c; 2 lbs., 25c; 5 lbs. or more at 10c per lb.

153. MAPLEDALE PROLIFIC. A very prolific variety. The ears are large, handsome and well filled. It is unsurpassed for popping and has a most delicious flavor. Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 20c; 2 lbs., 35c. Not postpaid: Lb., 15c; 2 lbs., 25c; 5 lbs. or more, 10c per lb.

154. BLUE BEAUTY. A new early pop corn with very large kernels, which, when popped expand into large tender flakes; sweet and delicious. Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 20c; 2 lbs., 35c. Not postpaid: Lb., 15c; 2 lbs., 25c; 5 lbs. or more, 10c per lb.

1 5 4 1/2. ★ TOM THUMB. Dwarf, or Baby Rice. The Tom Thumb is a dwarf growing, White Rice Pop Corn. It is a heavy yielder and very attractive—see illustration opposite. Is ready for popping, soon after it is husked and does not have to dry until the second year, like other varieties. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. The Tom Thumb is a new variety and well worthy of a trial. Price for 1915: Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 20c; 2 lbs., 35c. Not postpaid: Lb., 15c; 2 lbs., 25c; 5 lbs. or more, 10c per lb.



CHICORY.

130. LARGE ROOTED. Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

COLLARDS.

132. GEORGIA. A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 50c.

By mail is the easiest way to order seeds—Ours the easiest catalogue to order from.

PEANUTS.



315. ★ MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. (See illustration opposite.) Every boy and girl can grow their own peanuts here in the north. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 5c; 3 pkts., (1/4 lb.), 10c; 1/2 lb., 15c; lb., 20c; By express or freight, not postpaid: Lb., 15c; 5 lbs. or more, 12c per lb.

Those marked with a star are the varieties we specially recommend. See page 47, for No. 137.



Spanish Peanuts.

316. IMPROVED SPANISH. The Spanish Peanut has a feeding value, is a nitrogen gatherer and is an improver of land. It grows an upright bush and the peanuts are clustered thick around the roots. It is very productive, well adapted to the North; and is easily harvested. If the tops are cut and cured before frost, they make hay, almost equal in value to alfalfa. Our seed has been harvested, graded and washed by hand and is the best that can be procured. Large pkt., 5c; 3 pkts., (1/4 lb.), 10c; 1/2 lb., 15c; lb., 25c. Not postpaid: Lb., 20c; 5 lbs. or more, 15c per lb.



Corn Salad, Pkt., 5c; oz., 10c; 1/4 lb., 15c.


CORN SALAD.

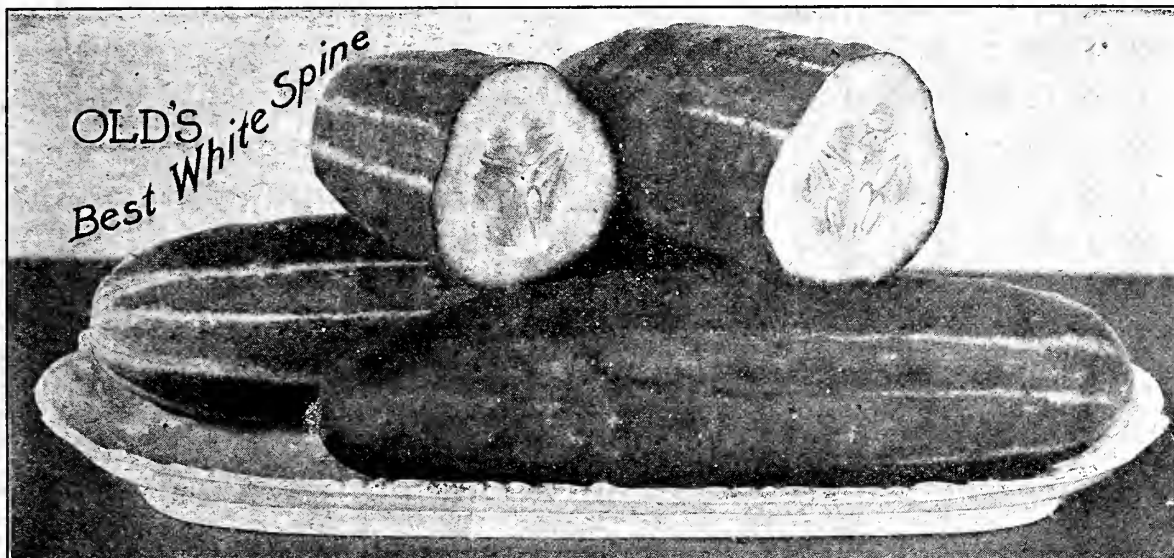
133. LARGE SEEDED. A fine salad and a good substitute for lettuce, see above. Pkt., 5c; oz., 10c; 1/4 lb., 15c; 1 lb., 45c.

CRESS.

134. EXTRA CURLED. (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 45c.

CUCUMBER

Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain $\frac{1}{4}$ oz. of seed; sufficient to plant from 15 to 20 hills; 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed, 90%.  Use Bug Death on cucumber and other vine crops. Page 91.

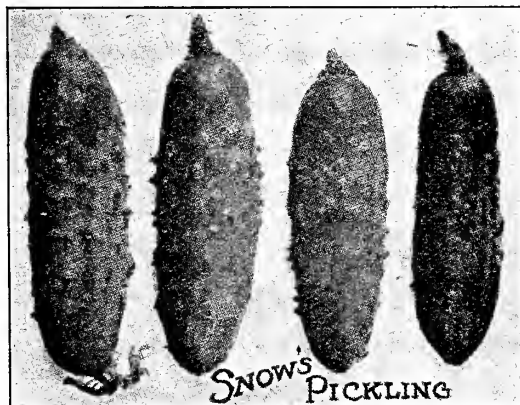


164. OLDS' SELECT WHITE SPINE. This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends—see illustration above, very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing and the best variety for both home garden and market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c. Not postpaid: 2 lbs. or more 55c per lb.

159. PERFECTED JERSEY PICKLE. A very strong grower, producing an abundance of slender fruits which make excellent pickles. The skin is quite thin, flesh pure white, solid, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c. Not postpaid: 2 lbs. or more, 55c per lb.

160. EXTRA EARLY WHITE SPINE. An extra early white spine; popular and a favorite with everyone. Unsurpassed for table use; also used for pickling; very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c. Not postpaid: 2 lbs. or more 40c per lb.

157½. SNOW'S PICKLING. An early maturing variety. It is small, dark green and very popular with many growers—see illustration opposite. It resists blight and makes an ideal bottle pickle. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c. Not postpaid: 2 lbs. or more, 50c per lb.



165. OLDS' IMPROVED LONG GREEN. One of the best for pickles and salad. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. This variety is a very popular one, and the seed we offer is an improved strain. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c. Not postpaid: 2 lbs. or more, 55c per lb.

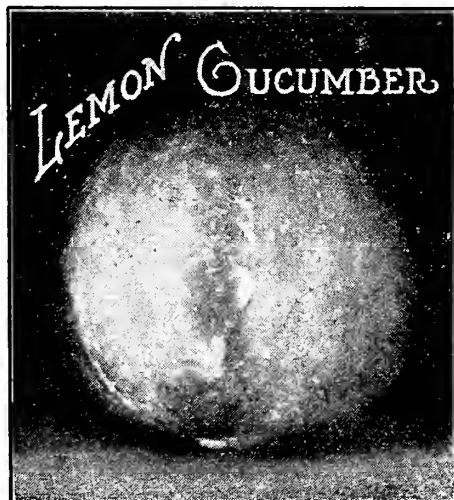
172½. LEMON CUCUMBER. The Garden Lemon. The Lemon Cucumber resembles a lemon in shape, color and size, but grows on a vine like a cucumber. It has a thin skin, is crisp, tender, sweet and fine flavored—see illustration opposite. We are safe in predicting the Lemon Cucumber will become a great favorite for slicing, or pickles. The best time for pickling is just as it turns yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c. Not postpaid: 2 lbs. or more, 75c per lb.

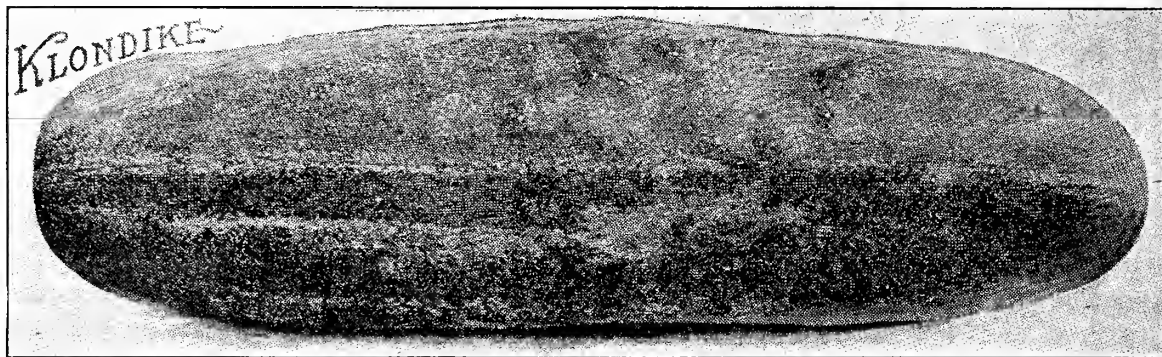
162. COOL AND CRISP. An early variety; very prolific. It has a dark green skin and is covered with knobs upon which the spines set; this gives it a fine appearance for pickling. It is also a fine table variety; tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more 65c per lb.



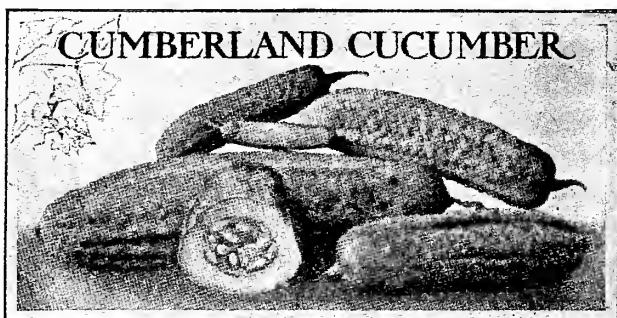
168. ★EARLY CYCLONE. The earliest cucumber in cultivation. It is short (see illustration), thick and deep green in color. Valuable for both slicing and pickling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c. Not postpaid: 2 lbs., or more, 50c per lb.

See page 53 for full list.

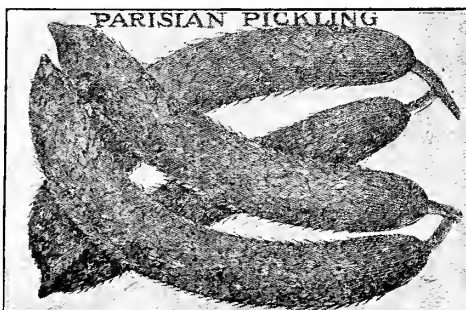
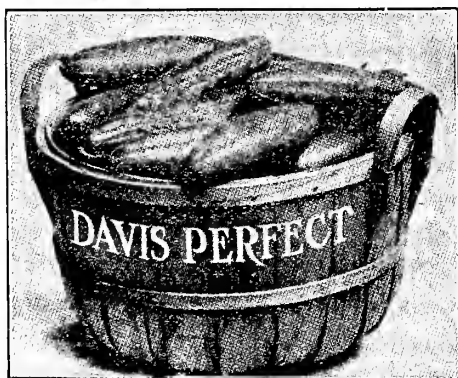




162½. **KLONDIKE.** A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends—see illustration above. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c. Not postpaid: 2 lbs. or more, 55c per lb.



163. **★CUMBERLAND.** The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more, 65c per lb.



158. **OLDS' IMPROVED CHICAGO PICKLING.** Used almost exclusively by the factories about Chicago. It is of medium length, pointed at both ends; color deep green; begins to set its fruit when the vines are quite young. Also valuable for slicing, fine flavor; never overgrown and seedy. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c. Not postpaid: 2 lbs. or more, 40c per lb.

169. **★DAVIS PERFECT.** Unequaled for color, shape and productiveness (see illustration). Mr. Eugene Davis, the originator, also the originator of Grand Rapids Lettuce and Davis White Wax Bean, says: "I have been experimenting for several years and have at last succeeded in fixing a perfect type, combining quality, shape, color and productiveness. The quality is fine, very tender and brittle and with very few seeds; altogether an exceptionally fine table variety." Our seed is from extra select stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c. Not postpaid: 2 lbs. or more, 60c per lb.

173. **PARISIAN PICKLING.** A distinct variety; producing small cucumbers, which make very attractive pickles—see illustration opposite. The vines are vigorous and productive. The fruit should be gathered when small, in order to preserve its peculiar appearance, as it becomes smoother when approaching maturity. A hardy variety, deep green in color; flesh white, firm and brittle. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c. Not postpaid: 2 lbs. or more, 60c per lb.

171. **WEST INDIA GHERKIN.** A very prolific variety; used exclusively for pickling. The fruits are two to three inches in length, thick and rounded in form and closely covered with spines. Vines rather slender, with small foliage, but of strong growth. This variety is highly prized for small pickles. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more, 65c per lb.

EVERY MARKET GARDENER should have our market gardeners' net price list before ordering—free on request.

If your order for garden seeds, in larger quantities than ounces, amounts to \$5.00 or more, you are entitled to better prices than those given in this catalogue.

THIS CATALOGUE is mailed without request to old customers. Please notify us of any change of postoffice address.

CUCUMBER. Full List.

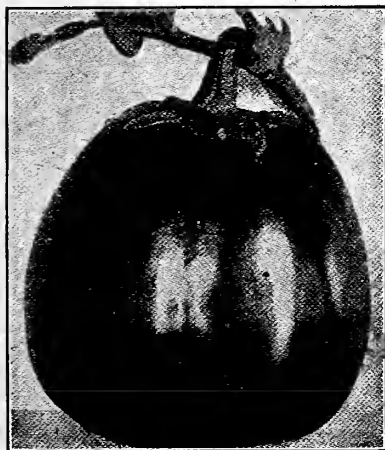
Half-pounds at pound rates. Market gardeners' list for prices on larger quantities.

By parcel post.

		pkt.	oz.	¼ lb.	lb.
155.	EARLY FRAME. An old and most popular variety; very productive.....	\$0.05	\$0.10	\$0.20	\$0.65
156.	EARLY GREEN CLUSTER. Fine for small pickles.....	.05	.10	.20	.65
157.	FORDHOOK PICKLING. One of the best and very prolific.....	.05	.10	.25	.75
157½.	SNOW'S PICKLING. See page 51 for description and illustration.....	.05	.10	.20	.60
158.	OLDS' IMPROVED CHICAGO PICKLING. Page 52.....	.05	.10	.15	.50
159.	PERFECTED JERSEY PICKLE. Excellent for pickles.....	.05	.10	.20	.65
160.	EXTRA EARLY WHITE SPINE. Useful for pickling, also table use.....	.05	.10	.15	.50
161.	ARLINGTON WHITE SPINE. A fine strain of White Spine.....	.05	.10	.20	.65
162.	COOL AND CRISP. Extra early, excellent for pickling or slicing.....	.05	.10	.25	.75
162½.	KLONDIKE. The best dark green variety for slicing. Page 52.....	.05	.10	.20	.65
163.	★CUMBERLAND. The best pickling cucumber known.....	.05	.10	.25	.75
164.	★OLDS' SELECT WHITE SPINE. Our best White Spine.....	.05	.10	.20	.65
165.	OLDS' IMPROVED LONG GREEN. One of the best for pickles.....	.05	.10	.20	.65
166.	THORBURN'S EVERBEARING. A continuous bearer.....	.05	.10	.25	.70
167.	LIVINGSTON'S EMERALD. Large, smooth, and deep green.....	.05	.10	.25	.75
168.	★EARLY CYCLONE. King of the Earliest.....	.05	.10	.20	.60
169.	★DAVIS PERFECT. Unequaled for color, shape and productiveness.....	.05	.10	.25	.75
170.	JAPANESE CLIMBING. Can be trained upon a trellis or poles.....	.05	.10	.20	.65
171.	WEST INDIA GHERKIN or BURR. Small prickly fruits.....	.05	.10	.25	.75
172.	GIANT PEAR. Large, long, smooth; flesh clear, crisp and tender.....	.05	.10	.25	.85
172½.	LEMON. The Garden Lemon. Crisp and tender. Page 51.....	.05	.10	.25	.85
173.	PARISIAN PICKLING. A distinct variety.....	.05	.10	.25	.70
174.	OLDS' MIXED. Cucumbers the entire season.....	.05	.10	.15	.50

EGG PLANT

Egg plants are easily cultivated, but should not be transplanted until the weather is assured. We can furnish plants in season—see page 83. Our packets each contain seed sufficient to produce from 100 to 150 plants. ¼ lb. will furnish plants enough to set one acre.



High Bush Egg Plant.

180. **NEW YORK IMPROVED.** Very large, smooth and spineless. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 65c.

181. **★BLACK BEAUTY.** The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly, so that the entire crop can be gathered before frost. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.

182. **WHITE PEARL.** Fruit is large and pure white. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 65c.

183. **FLORIDA HIGH BUSH.** A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. Is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.

**ENDIVE.**

185. **GREEN CURLED.** A refreshing salad. Can be used all through the fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 20c.

186. **WHITE CURLED.** Leaves finely cut and almost white; needs no blanching. Pkt., 5c; oz., 10c; ¼ lb., 20c.

USEFUL GOURDS.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size; they make the very best nest eggs.

191. **SUGAR TROUGH.** Useful for many household purposes.

192. **THE DIPPER.** Long fruits, straight or slightly crooked.

193. **HERCULES CLUB.** Ornamental as well as useful.

194. **ORANGE.** The size and shape of an orange.

195. **PEAR-SHAPED.** Striped yellow and green.

196. **APPLE-SHAPED.** Beautifully striped.

199. **MIXED.** All the above and other varieties mixed.

KALE OR BORECOLE.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

200. **DWARF GERMAN.** Very hardy; with dark green leaves; much improved by frost.

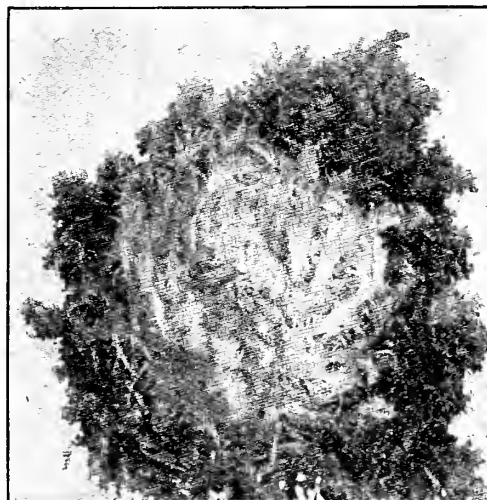
201. **DWARF CURLED SCOTCH.** Dwarf beautifully curled, bright green and very hardy.

KOHL RABI. TURNIP CABBAGE.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

205. **EARLY WHITE VIENNA.** Probably the best variety. Early and tender.

206. **PURPLE VIENNA.** A popular variety for table use.

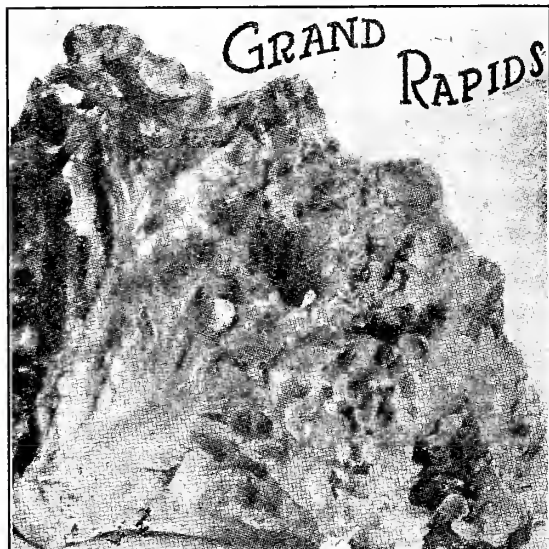


Green Curled Endive. Pkt., 5c; oz., 10c.

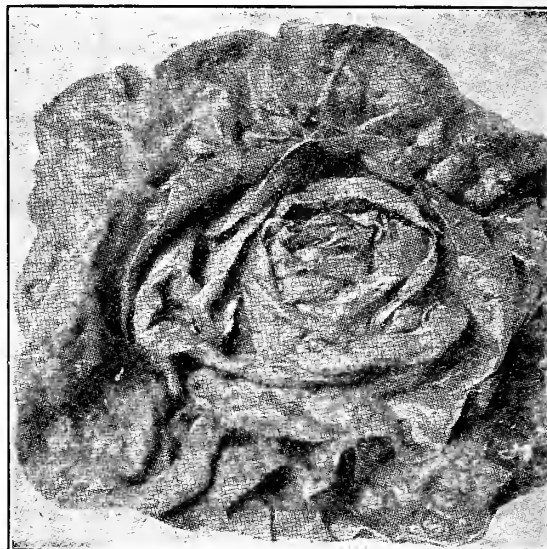
For the best variety of LEEK—see page 59.

LETTUCE

Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Vitality of good seed 95%. Order by number.

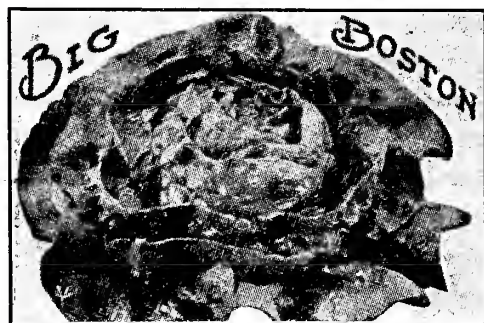
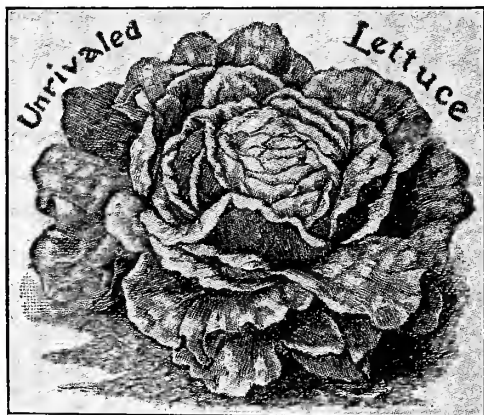


215. ★OLDS' EARLIEST FORCING. (Grand Rapids.) The best variety for forcing. It does not form heads, but makes a rapid, upright growth of loose leaves—see illustration above. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 18c.

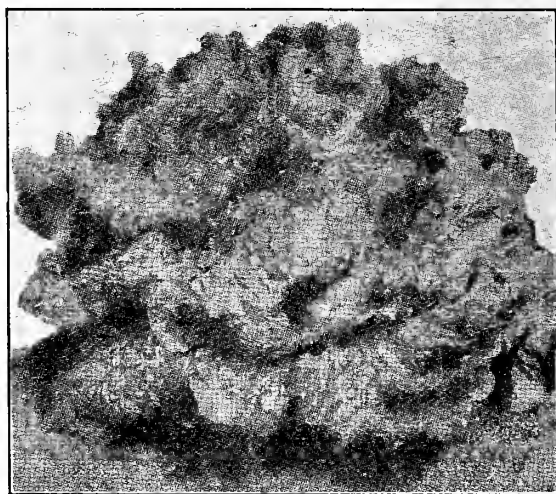


May King. Pkt., 5c; oz., 10c.

227. ★MAY KING. The best early-heading variety. The inner leaves are tightly folded—see illustration above, of good substance and a rich yellow color. It is hardy, early and a quick grower. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.



Good crops can be grown only from good seeds. Order \$1.00 worth of packets and ounces and remit 75 cents—see page 33.



Black Seeded Simpson.

219. BLACK-SEEDED SIMPSON. The most popular loose leaf variety; crisp and tender. It grows a fine green leaf and the inner leaves form a loose head—see illustration above; very tender and crisp. The most desirable all-round lettuce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 18c.

223. ★UNRIVALED. This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large (see illustration), attractive in color, and resists the summer heat. It can be sown almost the whole year round, and is crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

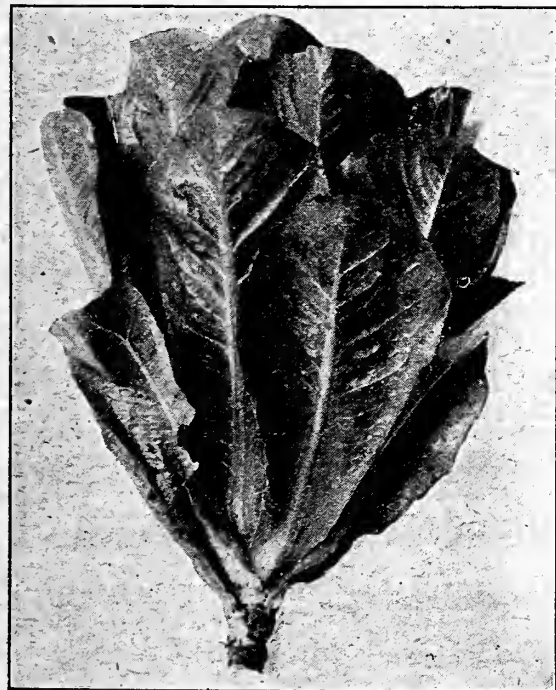
222. BIG BOSTON. The best large-heading variety; suitable for forcing. It produces fine, large, yellow heads—see illustration opposite. The leaves are white, crisp, tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

It will pay to try Olds' Wisconsin Standards—see page 34.



220. ★EARLY PRIZE HEAD. A splendid lettuce for home use—see illustration above. It forms a large, tender, crisp, loose-leaf head of bright crimped leaves tinged with brownish red; remains good throughout the entire season. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 18c.

226. OLDS' GOLDEN QUEEN. One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium-sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

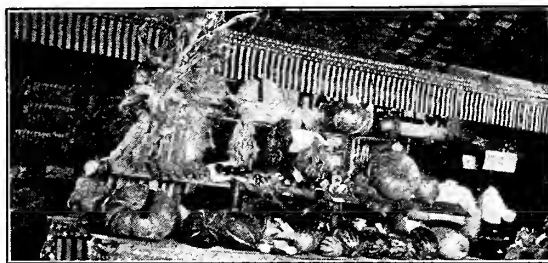


228. ALL THE YEAR ROUND. One of the best varieties for market. It can also be used for forcing—see illustration above. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

231. PARIS WHITE COS. The best of the Cos or celery varieties. The leaves are light-green, well folded and make quite a solid head—see illustration opposite. One of the finest varieties for summer use; the leaves should be tied up for a few days to facilitate blanching. There is an increasing demand every year for this type of lettuce. White Cos is crisp and tender, and highly prized by those who are familiar with its quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

WE RECEIVE, every year, a large number of testimonial letters from our customers. These letters are of recent date and unsolicited. We like to get them and would like to print all of them in this catalogue, but cannot do so for lack of room.

E. D. Kidder, Marshall, Minn., April 3rd, 1914, writes: "I planted the melon seed I got from you last year on $\frac{1}{2}$ acre of ground and sold from the one-half acre \$195.00 worth of melons, besides supplying the family and having quite a few cooned. Your seeds are O. K."



From Olds' Seeds. Grown and exhibited by H. H. Biggerstoff. Mellette Co., S. Dak. Fair 1913.

We believe in halftone illustrations like the above. If you grow anything good from our seeds, send us a photograph of it.

LETTUCE. Full List.

One pound of any variety at $3\frac{1}{2}$ times the price of $\frac{1}{4}$ lb. Half-pounds at pound rates.

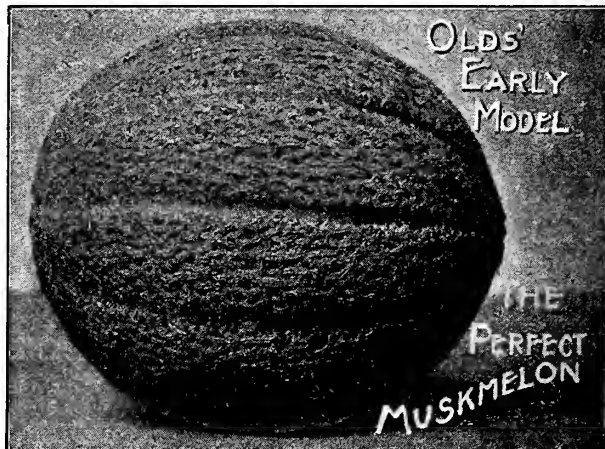
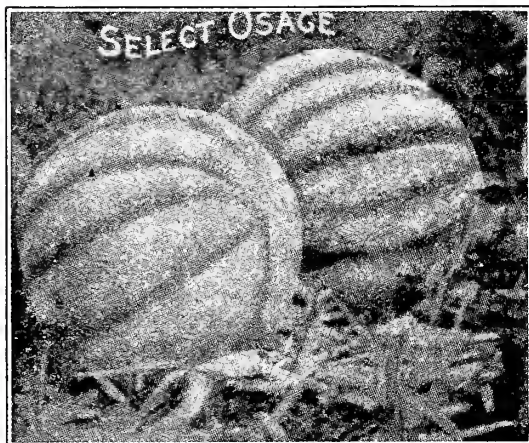
	Parcel post.		
	pkt.	oz.	$\frac{1}{4}$ lb.
215. ★OLDS' EARLIEST FORCING (Grand Rapids). The best forcing variety.....	\$0.05	\$0.10	\$0.18
216. ICEBERG. Solid heads, with leaves always crisp and tender.....	.05	.10	.25
217. IMPROVED HANSON. Heads solid, crisp and tender.....	.05	.10	.20
218. IMMENSITY. A new variety; large and heat-resisting.....	.05	.10	.20
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender.....	.05	.10	.18
220. ★EARLY PRIZE HEAD. Splendid for family use.....	.05	.10	.18
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use.....	.05	.10	.18
222. BIG BOSTON. The best large-headed variety for forcing.....	.05	.10	.20
223. ★UNRIVALED. It is early, attractive and resists heat.....	.05	.10	.25
224. WONDERFUL. Large heads of fine quality; crisp, rich and tender.....	.05	.10	.18
225. CALIFORNIA CREAM BUTTER. Extra fine.....	.05	.10	.18
226. OLDS' GOLDEN QUEEN. One of the best first early varieties.....	.05	.10	.30
227. ★MAY KING. The best early-heading variety.....	.05	.10	.25
228. ALL THE YEAR ROUND. One of the best varieties for market. See cut above.....	.05	.10	.25
229. OAK LEAVED. Light green, in shape like an oak leaf.....	.05	.10	.25
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson.....	.05	.10	.20
231. PARIS WHITE COS. Produces long, pointed heads; compact leaves.....	.05	.10	.25
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing. Lb., 50c.....		.05	.15

OLD LETTUCE SEED FOR BIRDS. -Lb., 25c, postpaid. Not prepaid: 5 lbs. or more, 20c per lb.

MUSKMELON

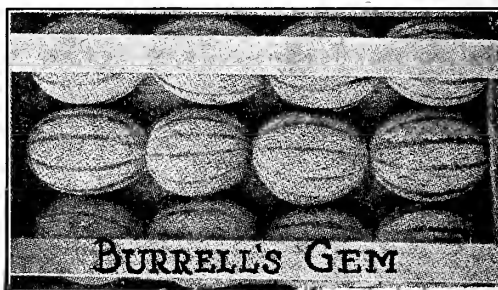
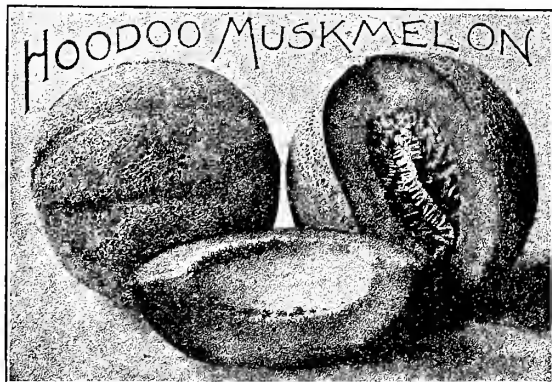
Our Muskmelon Seed is the best that can be grown. Each packet contains $\frac{1}{4}$ oz. of seed, enough to plant from 15 to 20 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%. Order by number.

See our market gardeners' net price list for prices on larger quantities—free on request.



239. ★OLDS' SELECT OSAGE. The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration above), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c. Not postpaid: 2 lbs. or more, 40c per lb.

245. OLDS' EARLY MODEL. The perfect Muskmelon. The Model averages about two pounds in weight; is perfect in shape. See illustration from a photograph of a specimen grown on our trial grounds. It is very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. It bears transportation well and on account of its size and shape, will bring fancy prices in any market. The flesh is firm and flavor unexcelled. The vines grow fast and during dry weather do not lose their strength, but upon the coming of rain respond quickly. The Model is just the melon for market and the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more at 65c per lb.



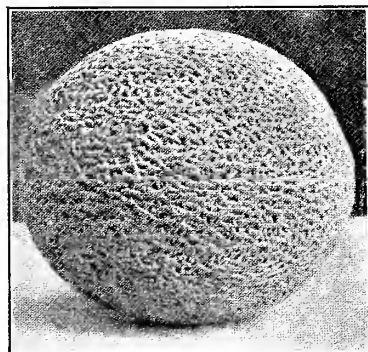
242. BURRELLS' GEM. The golden fleshed Rocky Ford. The Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and $4\frac{1}{2}$ inches across. It is very solid and has a small seed cavity. The flesh is golden in color, very thick, fine-grained and spicy. An abundant yielder and a good shipper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c. Not postpaid: 2 lbs. or more, 50c per lb.

247. HOODOO MUSKMELON. A good all-purpose melon; well adapted to the home garden. The vines make a strong and vigorous growth and are very productive. The melons are of a convenient size for the table and make a handsome appearance. The flesh is of a rich, deep orange color, fine grained and very sweet. The seed cavity is small and the rind and flesh at the blossom end firm and solid—see illustration. Choice genuine seed: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c. Not postpaid: 2 lbs. or more, 55c per lb.

247½. GOLD LINED ROCKY FORD. One of the sweetest and most delicious melons grown. The flesh is thick, very tender and of a beautiful green color, with a gold margin next to the seed cavity. It is slightly oval in shape, no ribs, and is heavily netted over the entire melon—see illustration opposite. The Gold Lined is a new melon, recently introduced by one of the most reliable growers of Rocky Ford, Colo. Our seed was grown for us by the originator and we can recommend the seed of this melon to growers' associations, and high-class market gardeners as well as for use in the home garden. Pkt., 10c; 2 pkts., ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

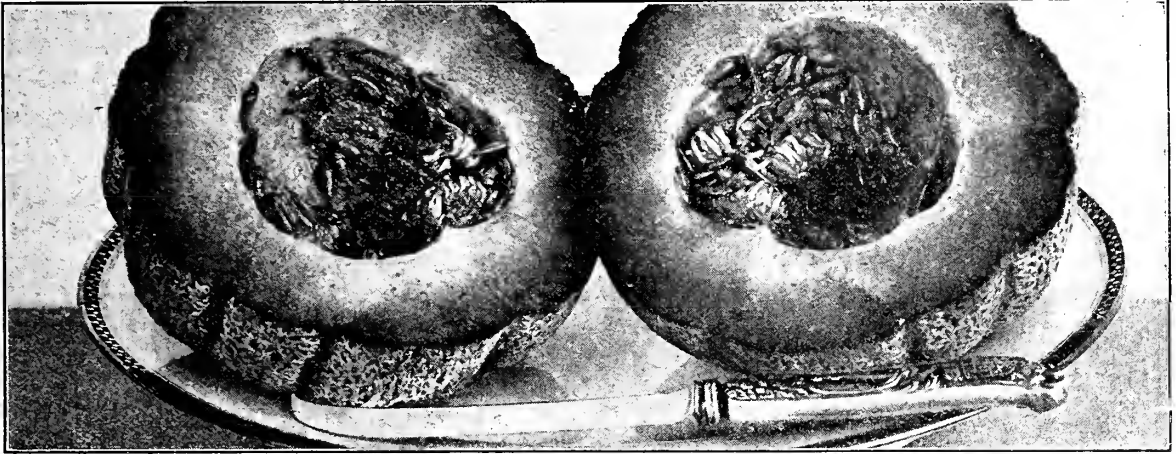
251. NEW BUSH. Distinctly a bush variety. It can be grown in hills three feet apart. The plants grow from 15 to 18 inches in length, and two to three plants can be grown in a hill. They are very productive, in fact we advise that each plant be allowed to ripen only about one-half of its fruit as they are apt to bear too many. The fruit is of the "Jenny Lind" type, with deep flesh, sweet and eatable almost to the rind. The supply of seed is limited and we advise early orders. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.

CULTURAL DIRECTIONS in the shape of a vest pocket booklet free.

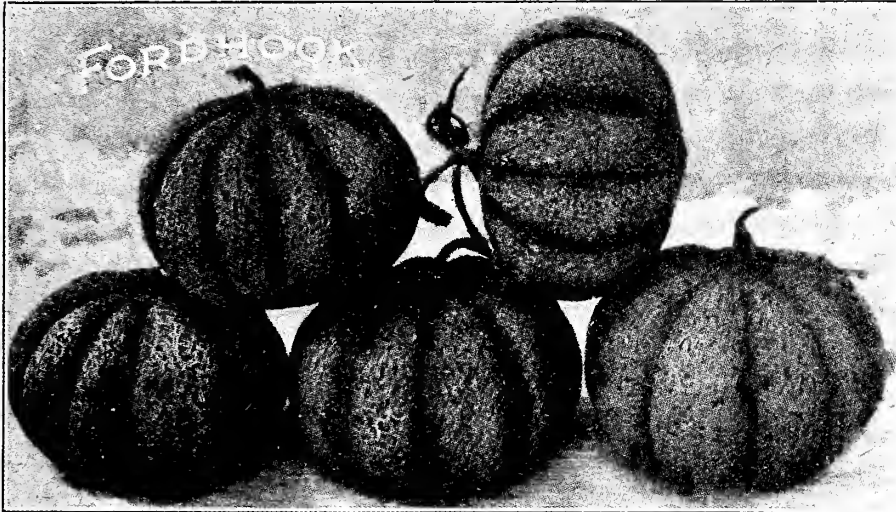


Gold Lined.

sweet and eatable almost to the rind.



244. ★**OLDS' ROCKY FORD** or **NETTED GEM**. The melon that has made Rocky Ford famous. Illustrated above. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c. Not postpaid: 2 lbs. or more, 50c per lb.



243½. **FORDHOOK**. A new melon, which equals the Emerald Gem in flavor. It is firm, nicely netted, with thick, solid salmon-colored flesh. Quite early, vigorous in growth and very prolific. The melons are even in size and good shippers. They make a very fine appearance and will command a good price in any market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c. Not postpaid: 2 lbs., or more, 65c per lb.

243. ★**PAUL ROSE** or **PETOSKEY**. Combines the sweetness of the Osage with the fine netting and shipping qualities and extreme earliness of the Gem, being a cross of the two varieties. The melons are very uniform in shape and size. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

236. **EXTRA EARLY HACKENSACK**. Ten days earlier and also larger than the old Hackensack. Flesh light green and excellent in flavor; one of the best market varieties. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c. Not postpaid: 2 lbs., or more, 50c per lb.

238. **EMERALD GEM**. One of the sweetest melons in cultivation; smooth skin, deep salmon-colored flesh; early and prolific. On account of its fine quality this is one of the best melons for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

MUSKMELON. Complete List.

For larger quantities, see our Market Gardeners' net price list. Half-pounds at pound rates.

235.	CHICAGO MARKET . Early, of uniform size; green-fleshed.	
236.	EXTRA EARLY HACKENSACK . Earlier and larger than the old Hackensack. One of the best market varieties.	
237.	BURPEE'S NETTED GEM . Early; small, round and of fine flavor.	
238.	EMERALD GEM . One of the sweetest melons in cultivation.	
239.	★ OLDS' SELECT OSAGE . The most popular melon with our customers.	
240.	MONTREAL NUTMEG . A large, late variety, of superior quality.	
241.	CHAMPION MARKET . As early as Netted Gem; large and prolific.	
242.	BURRELL'S GEM . The golden-fleshed Rocky Ford.	
243.	★ PAUL ROSE or PETOSKEY . Salmon-colored flesh, very sweet and highly flavored.	
243½.	FORDHOOK . A handsome, new melon; very prolific.	
244.	★ OLDS' ROCKY FORD . The melon that has made Rocky Ford, Colo., famous.	
245.	★ OLDS' EARLY MODEL . The perfect muskmelon; withstands drought. Page 56	
246.	MAMMOTH GIANT . The largest good muskmelon grown.	
247.	HOODOO MUSKMELON . A good all-purpose melon.	
247½.	GOLD LINED ROCKY FORD . Thick flesh, with a gold margin next to the seed cavity. Illustrated and described further on page 56.	
248.	GREEN FLESHED OSAGE . Very hardy and prolific.	
248½.	BANANA . A delicious melon, shaped and flavored like a banana.	
249.	OLDS' MIXED . A selection of varieties grown separately and the seed mixed together. Will produce melons throughout the whole season.	
250.	MANGO MELON . Vegetable Orange or Vine Peach.	
251.	NEW BUSH . A bush variety—can be planted in hills three feet apart. Page 56	

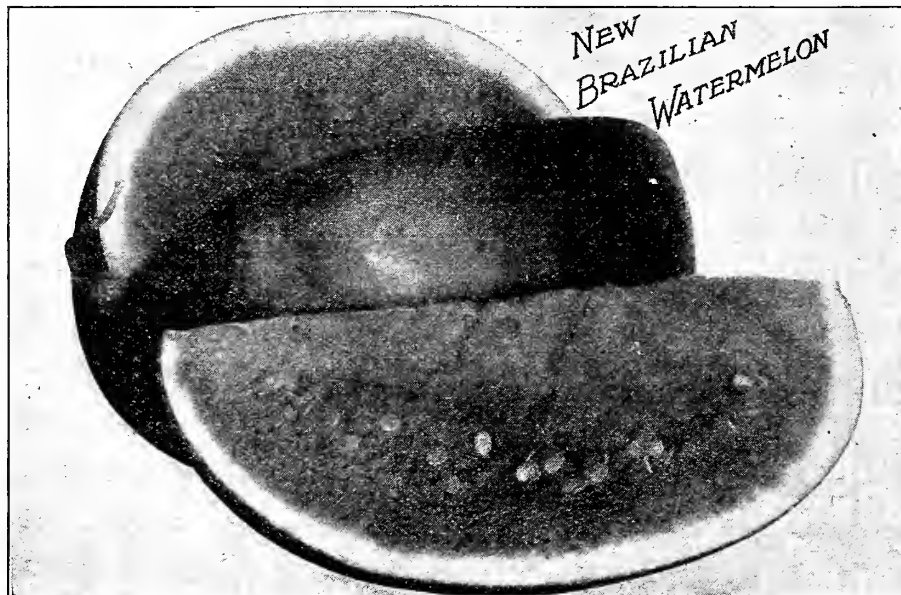
By parcel post.

pkt.	oz.	¼ lb.	lb.
\$0.05	\$0.10	\$0.20	\$0.60
.05	.10	.20	.60
.05	.10	.20	.65
.05	.10	.20	.60
.05	.10	.15	.50
.05	.10	.20	.65
.05	.10	.20	.60
.05	.10	.20	.65
.05	.10	.25	.75
.05	.10	.20	.60
.05	.10	.25	.75
.05	.10	.15	.50
.05	.10	.20	.65
.10	.20	.40	1.50
.05	.10	.20	.60
.05	.10	.20	.65
.05	.10	.15	.45
.05	.10	.25	.70
.10	.20	.45	1.65

WE TRY TO PLEASE. If we do not, tell us—if we do, tell your friends about us.

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed-growers of experience. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient to plant from 10 to 15 hills; 3 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Two pounds or more at 5 pound rates. For larger quantities, see our market gardeners' net price list—free on request.

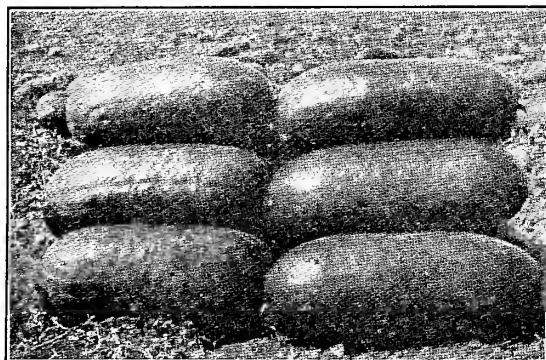


268½. BRAZILIAN. The prize melon, absolutely new—give it a trial. Dorothy Cornell, of Mayer, Minn., writes: "Last spring I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before, but this year had some very nice, sweet, juicy melons and any one buying some of your Brazilian Watermelon seed will be more than satisfied I am sure." Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

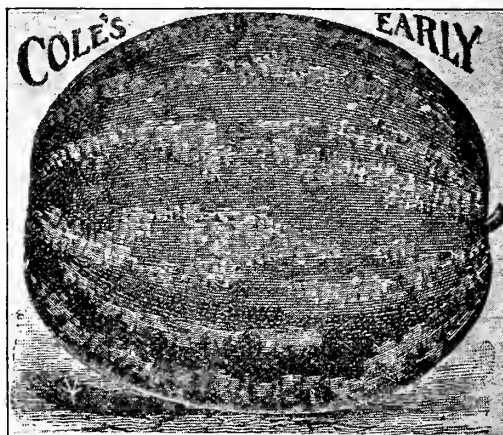
262. ★COLE'S EARLY. A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious; adapted to our locality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c. Not postpaid: 5 lbs., \$1.75.

It will pay to try some of Olds' Wisconsin Standards—see page 34.

265. OLDS' 1908 MELON. (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.



Kleckley Sweets. Pkt., 5c; oz., 10c.



267. ★ICE CREAM OR PEERLESS. A standard home melon. Extra early, sweet, of good size and very productive; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c. Postpaid. Not postpaid: 5 lbs., \$1.50.

270. ★KLECKLEY SWEETS. One of the finest melons for home use; handsome in appearance—see illustration; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c. Not postpaid. 5 lbs., \$2.00.

271½. TOM WATSON. A large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and very handsome in appearance. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.25.



If you have anything new that is good write and send us a photo of it.



270½. KLONDIKE. The sweetest melon grown. A new introduction of great merit—see illustration. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c.

276½. WINTER. The Winter Watermelon is earlier than "The Sweetheart," almost as hard and solid as a citron. Will keep long into the winter. The melons are almost round with a light green skin. Flesh is red, firm and sweet. Very prolific and well adapted to this section of the country. On account of its wonderful keeping qualities, this variety will give splendid satisfaction to those who want a winter melon. Seed scarce and high priced—order early. Pkt., 10c; 2 pkts., (½ oz.), 15c; oz., 20c; ¼ lb., 25c; lb., 90c.

273. HALBERT HONEY. A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the northern states. It is not a good shipper, but it is, probably, the sweetest melon yet introduced. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.



274. HUNGARIAN HONEY. A superb melon and one of the sweetest in cultivation. It is of medium size and very hardy. The color is dark green; flesh bright red, sweet as honey and of the finest flavor. Altogether this is one of the most satisfactory melons grown and should be in every home garden. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

WATERMELON. Full List.

For larger quantities, see our market gardeners' net price list. ½ lb., at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
260.	WONDERFUL SUGAR. (McIver's.) A leading melon of the day; handsome in appearance; very productive, sweet and luscious.	\$0.05	\$0.10	\$0.15	\$0.45
261.	SWEET HEART. The best long shipper. Large oval, flesh bright red, solid, tender and sweet.	.05	.10	.20	.60
262.	★COLE'S EARLY. A very early melon; just right in size and shape.	.05	.10	.15	.45
263.	FORDHOOK EARLY. The earliest large melon; a good shipper.	.05	.10	.15	.50
264.	KOLB'S GEM. A well-known shipper. Large and a heavy yielder; bright red flesh of very good quality.	.05	.10	.15	.45
264½.	DARK ICING. Skin dark green; flesh sweet and melting—the trucker's favorite.	.05	.10	.15	.50
265.	OLDS' 1908 MELON. Promises to be the most profitable melon for the grower and dealer, as well as best for the consumer. Page 58.	.05	.10	.25	.75
266.	DUKE JONES. An excellent shipper; flesh red, sweet and juicy.	.05	.10	.15	.50
266½.	LIGHT ICING. Skin light green; flesh red, crisp and sweet.	.05	.10	.15	.40
267.	★ICE CREAM or PEERLESS. A standard home variety.	.05	.10	.15	.40
268.	JONES' JUMBO. Round, of large size, and of extra good quality.	.05	.10	.15	.50
268½.	BRAZILIAN. Sweet, luscious and attractive. Page 58.	.05	.10	.25	.85
269.	GIRARDEAU'S TRIUMPH. Large, prolific and sweet. A good shipper.	.05	.10	.15	.50
270.	★KLECKLEY SWEETS. One of the finest melons yet introduced.	.05	.10	.15	.50
270½.	KLONDIKE. The sweetest melon grown—try it.	.05	.10	.25	.95
271.	★ALABAMA SWEET. A new early maturing melon.	.05	.10	.15	.40
271½.	TOM WATSON. A new Watermelon. Description page 58.	.05	.10	.25	.75
272.	BLACK DIAMOND. A new melon—large and productive; a good shipper; flesh rich, red, thick, firm and sweet.	.05	.10	.15	.50
273.	HALBERT HONEY. A new melon; one of the best for the home garden.	.05	.10	.15	.50
274.	HUNGARIAN HONEY. A superb melon and one of the sweetest.	.05	.10	.15	.50
275.	PRESERVING CITRON. Colorado Preserving. The most desirable.	.05	.10	.15	.50
276.	GEORGIA RATTLESNAKE. A large, oblong, dark green melon; very popular in the South.	.05	.10	.15	.45
276½.	WINTER. The Winter Watermelon. See description at top of page.	.10	.20	.25	.90
277.	MIXED. Will produce choice melons throughout the whole season.	.05	.10	.15	.35

LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. AMERICAN FLAG. A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

HERBS.

The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

480.	Anise	Pkt. 5c, oz. 10c, ¼ lb. 18c.
481.	Balm	Pkt. 5c, oz. 10c, ¼ lb. 35c.
483.	Caraway	Pkt. 5c, oz. 10c, ¼ lb. 15c.
485.	Dill	Pkt. 5c, oz. 10c, ¼ lb. 15c.
486.	Fennel, Sweet	Pkt. 5c, oz. 10c, ¼ lb. 18c.
487.	Horehound	Pkt. 5c, oz. 10c, ¼ lb. 35c.
488.	Lavender	Pkt. 5c, oz. 10c, ¼ lb. 25c.
489.	Marjoram, Sweet	Pkt. 5c, oz. 10c, ¼ lb. 25c.
490.	Rosemary	Pkt. 5c, oz. 15c, ¼ lb. 48c.
492.	Sage	Pkt. 5c, oz. 10c, ¼ lb. 20c.
493.	Summer Savory	Pkt. 5c, oz. 10c, ¼ lb. 35c.
494.	Winter Savory	Pkt. 5c, oz. 10c, ¼ lb. 35c.
496.	Thyme	Pkt. 5c, oz. 18c, ¼ lb. 60c.
498.	Wormwood	Pkt. 5c, oz. 10c, ¼ lb. 30c.
499.	Mixed (all the above)	Pkt. 10c, ¼ lb. 25c.

SAGE. Holt's Mammoth, Plants only, 20c each; 2 for 35c.

TARRAGON, Plants, 25c each; 2 for 45c.

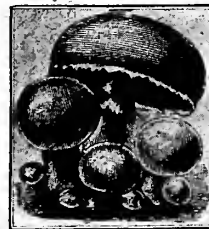
MUSTARD.

255. BLACK OR BROWN. Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 25c.

256. NEW WHITE CHINESE. Leaves tender and delicious. Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 35c.

257. NEW MONSTROUS. A new thick-leaved variety. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c.

258. WHITE LONDON. Fine for salads and garnishing. Pkt., 3c; oz., 10c; ¼ lb., 15c; lb., 30c.



MUSHROOM.

Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 1-1-3 lbs. Cultural directions free with every order. One brick, 25c; 3 bricks (4 lbs.), 70c. Not prepaid: 1 brick, 15c; 3 bricks, 40c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 25c, postpaid, or free with an order of 3 bricks.

OKRA.

278. WHITE VELVET. Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One quart will plant a row 50 ft. long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Top Sets are still much called for in some sections. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest onions. White Multipliers are fine for bunching green. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Bushel prices are subject to market changes.

VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.



	By mail, postpaid.		By express or freight.				
	pt.	qt.	pt.	qt.	½ pk.	pk.	bu.
WHITE BOTTOM	\$0.15	\$0.20	\$0.10	\$0.15	\$0.35	\$0.65	\$2.50
YELLOW BOTTOM	.15	.20	.10	.15	.35	.60	2.25
RED BOTTOM	.15	.20	.10	.15	.35	.60	2.35
RED TOP (Improved)	.15	.25	.15	.20	.60	1.10	4.00
EGYPTIAN or PERENNIAL	.15	.20	.10	.15	.30	.55	2.00
WHITE MULTIPLIER	.15	.25	.15	.20	.65	1.20	4.50
RED MULTIPLIER	.15	.25	.15	.20	.70	1.30	5.00

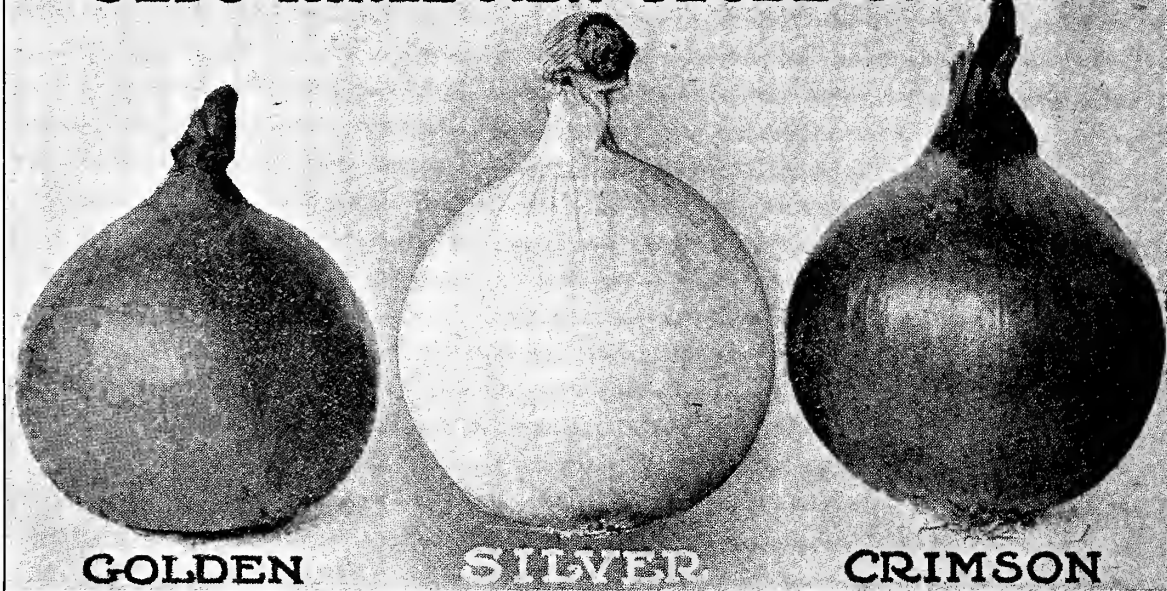
Mrs. J. F. Kimman, of Corona, N. Mex., says: "I am well pleased with the seeds I received and I want to thank you for your promptness. I never received seeds so quick before."

Chas. Bean, Buffalo Hart, Ill., Feb., says: "Raised an excellent garden from your seeds last year. This makes 16 years I have ordered seeds of some kind or other from you."

ONION SEED

Our Onion seed has been proved by test and is all right. Packets each contain 1-6 oz. of seed, sufficient to sow from 10 to 15 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Vitality of good seed, 90%. Order by number. * Two pounds or more at 5-lb. rates. For larger quantities see our market gardeners' price list—free on request.

OLD'S THREE NEW GLOBE ONIONS



GOLDEN

SILVER

CRIMSON



OLD'S THREE NEW GLOBE ONIONS. Perfect types of Southport Globes, Eastern-grown seed—see illustration above. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each 25 cents.

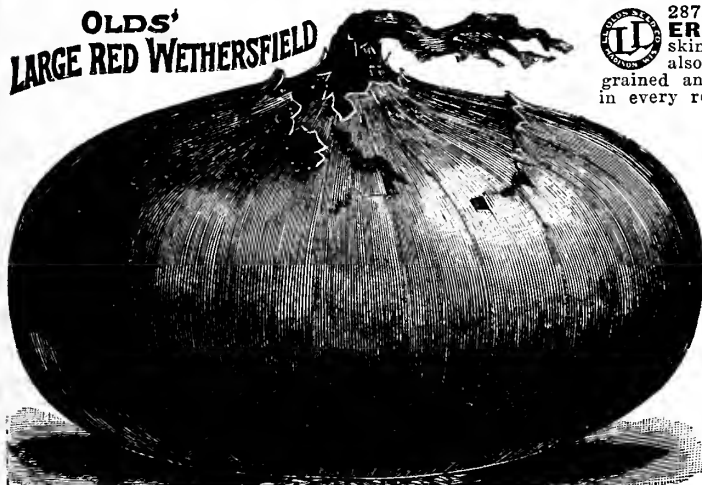
280. **OLD'S GOLDEN GLOBE.** A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; 3 pkts., (½ oz.), 15c; oz., 20c; ¼ lb., 30c; lb., \$1.10. Not postpaid: 2 lbs. or more, \$1.00 per lb.

281. **OLD'S SILVER GLOBE.** Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; 3 pkts., (½ oz.), 15c; oz., 20c; ¼ lb., 40c; lb., \$1.50. Not postpaid: 2 lbs., or more at \$1.40 per lb.

282. **OLD'S CRIMSON GLOBE.** Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy, a good keeper and very productive. Pkt., 10c; 3 pkts. (½ oz.), 15c; oz., 20c; ¼ lb., 35c; lb., \$1.15. Not postpaid: 2 lbs. or more at \$1.05 per lb.

See page 62 for full and complete list of onions.

OLDS' LARGE RED WETHERSFIELD



287. OLDS' EXTRA LARGE RED WETHERSFIELD. The standard red onion. The skin is deep purplish red, (see illustration opposite also outside back cover), flesh purplish white; fine-grained and stronger flavored than any other sort. It is in every respect a perfect red.

Jay Stafford, of Beulah, Mich., under date of Aug. 18, 1914, writes: "The Large Red Wethersfield onion seed I got of you was just as it was represented. I think every seed grew and I have a good prospect for onions this year. I sowed 5 pounds of seed on an acre of ground and think there will be in the neighborhood of one thousand bushels." Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts. (½ oz.), 15c; oz., 20c; ¼ lb., 35c; lb., \$1.25. Not prepaid: 5 lbs., \$5.75. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$5.50.

297½. GIGANTIC GIBRALTAR. The giant Gibraltar is a large Spanish onion introduced 20 years ago, as the largest onion grown. It is still the largest onion we know of—even larger than the Prizetaker or Ailsa Craig, single specimens having been grown to weigh almost two pounds. The skin is a light straw color; flesh white, mild and tender. Gibraltar is even milder in flavor than many 40c; lb., \$1.45.

der. Many object to a large onion on account of the strong flavor, but the of the smaller sorts. Pkt., 10c; 3 pkts. (½ oz.), 15c; oz., 20c; ¼ lb., 35c; lb., \$1.25. Not prepaid: 5 lbs., \$5.75. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$5.50.

285. ★OLDS' BEST YELLOW GLOBE DANVERS. The Yellow Globe Danvers is a standard onion, more largely grown than any other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. This is the best strain of Yellow Globe Danvers. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c. Not prepaid: 5 lbs., \$3.75; **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$3.50.

290. ★SOUTHPORT YELLOW GLOBE. Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c. Not prepaid: 5 lbs., \$4.25. **CALIF. GROWN SEED:** 5 lbs., \$4.00.

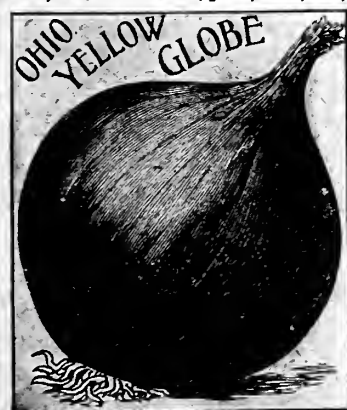
291. ★SOUTHPORT LARGE RED GLOBE. The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. We offer the true Southport strain. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00. Not prepaid: 5 lbs., \$4.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$4.25.

292. WHITE GLOBE. Beautiful and symmetrical, with clear pure white skin. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market onion. **EASTERN GROWN SEED:** Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40. Not prepaid: 5 lbs., \$6.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$6.25.

298. ★RED GLOBE WETHERSFIELD. A very handsome onion. The Globe Wethersfield is the old reliable. Large Red Wethersfield bred to a globe shape. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15. Not prepaid: 2 lbs., or more, \$1.05 per lb.

288. AILSA CRAIG. An onion unexcelled for form, size and weight—see illustration opposite. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 10c; 3 pkts. (½ oz.), 15c; oz., 25c; ¼ lb., 90c; lb., \$3.50.

300. OLDS' SELECT OHIO YELLOW GLOBE. This is a bright yellow onion, with a small neck, illustrated below; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15.



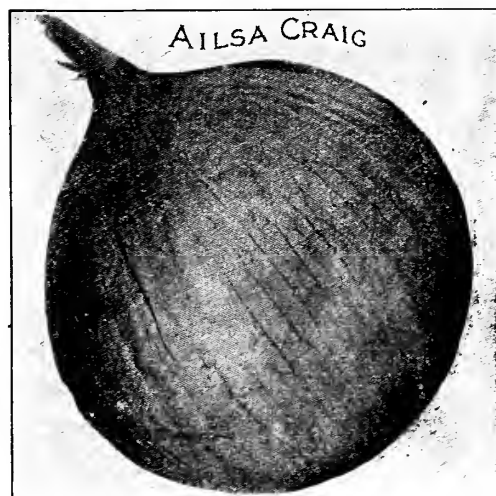
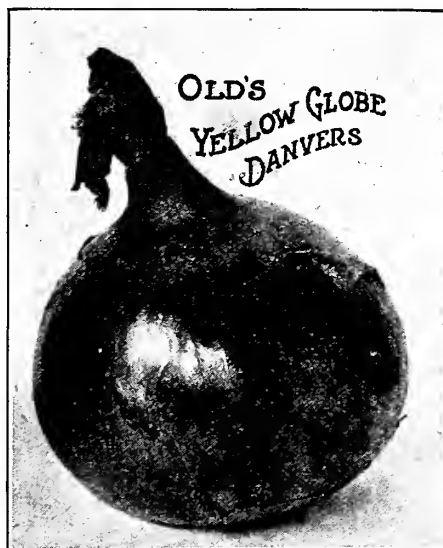
301. MICHIGAN YELLOW GLOBE. This variety is a selection from the Yellow Globe Danvers, and is a perfect globe-shaped onion; a little darker in color than Danvers; a heavy cropper and a first-class keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00. Not prepaid: 2 lbs. or more, 90c per lb.

We state under the heading of each variety the quantity of seed each packet contains and how much ground it will plant, also how much seed it requires to plant an acre.

CULTURAL DIRECTIONS in the shape of a vest pocket booklet free.

Good crops can be grown only from good seeds—try our seeds. Full and complete list of onions next page.

THIS CATALOGUE is mailed without request to all who have ordered in the last three years.



FIELD OF SOUTHPORT WHITE GLOBE



289. **WHITE AUSTRALIAN.** A brand new onion and a new creation. The illustration shows the shape and average size of this new onion. It has all the solidity and keeping qualities of its parent, the Australian Brown, and is the ideal onion for the shipper. The skin is a creamy white; flesh white, crisp and mild in flavor. Pkt., 10c; 3 pkts., (½ oz.), 15c; oz., 20c; ¼ lb., 40c; lb., \$1.50. Not postpaid: 2 lbs., or more, \$1.40 per lb.

295. **OLDS' LONGKEEPER.** A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00. Not postpaid: 5 lbs., \$4.50.

303. **★OLDS' EARLY WHITE QUEEN.** The best of all for small pickles. The White Queen grows from one to one and a half inches in diameter, when the tops die down, leaving a neat and handsome white bulb—suitable for pickling. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

304. **MIXED ONION SEED.** Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions; some globe-shaped and some flat. Oz. pkt., 10c; ¼ lb., 25c; lb., 75c.

ONION. Full List.

For larger quantities see our market gardeners' net price list. Half-pounds at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
280.	OLDS' GOLDEN GLOBE. A most satisfactory onion for family use.....	\$0.10	\$0.20	\$0.30	\$1.10
281.	OLDS' SILVER GLOBE. One of the most handsome onions grown.....	.10	.20	.40	1.50
282.	OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.....	.10	.20	.35	1.15
285.	★OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.....	.05	.10	.25	.85
286.	EXTRA EARLY RED. (Flat.) Very desirable for extra early.....	.05	.10	.25	.90
287.	OLDS' EXTRA LARGE RED WETHERSFIELD. The best strain. Page 61.....	.10	.20	.35	1.25
288.	AILSA CRAIG. A most excellent shaped onion. See page 61.....	.10	.25	.90	3.50
289.	WHITE AUSTRALIAN. Brand new. Better than Australian Brown.....	.10	.20	.40	1.50
290.	SOUTHPORT YELLOW GLOBE. A heavy yielder. Page 61.....	.05	.10	.25	.95
291.	★SOUTHPORT LARGE RED GLOBE. Most handsome and most perfect globe-shaped onion in cultivation.....	.05	.10	.30	1.00
292.	SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.....	.05	.15	.40	1.40
293.	WHITE PORTUGAL or Silver Skin. A favorite white onion; very mild.....	.05	.15	.40	1.35
294.	YELLOW DANVERS FLAT. Largely grown for market and for sets.....	.05	.10	.25	.80
295.	OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper.....	.05	.10	.30	1.00
296.	MAMMOTH SILVER KING. Handsome, sweet, tender and mild.....	.05	.15	.40	1.35
297.	★PRIZE-TAKER. The genuine. Large and handsome.....	.05	.10	.25	.80
297½.	GIGANTIC GIBALTAR. The largest mild-flavored onion we know of. See page 61.....	.10	.20	.40	1.45
298.	★RED GLOBE WETHERSFIELD. The old reliable Large Red Wethersfield bred to a globe shape. Page 61.....	.05	.10	.35	1.15
299.	AUSTRALIAN BROWN. Extra early and a sure cropper.....	.05	.10	.25	.75
299½.	YELLOW STRASBURG. The variety most used for sets.....	.05	.10	.25	.75
300.	OLDS' SELECT OHIO YELLOW GLOBE. Page 61.....	.05	.10	.35	1.15
301.	MICHIGAN YELLOW GLOBE. A heavy cropper.....	.05	.10	.30	1.00
302.	★OLDS' SELECT PICKLING. Fine for bunching.....	.05	.15	.40	1.45
303.	★OLDS' EARLY WHITE QUEEN. The best for small pickles.....	.05	.15	.40	1.50
303½.	WHITE WELSH. Most suitable for green onions.....	.05	.10	.35	1.15

If not particular as to variety—plant our **MIXED ONION SEED.** Lb., 75c, postpaid.



PARSLEY

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.

308. **OLDS' DWARF PERFECTION.** A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

305. **CHAMPION MOSS CURLED.** Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c.

306. **FERN-LEAVED.** Fern-shaped leaves. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

307. **★THE ARLINGTON.** A fine new, double, curled parsley. It withstands heat, cold and drought. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

PARSNIP



While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 30 feet long; 5 lbs. will seed one acre.

	By parcel post.			
	pkt.	oz.	¼ lb.	lb.
310. ★IMPROVED GUERNSEY The best variety; roots smooth and easily harvested. not postpaid, 2 lbs. or more at 25c per lb.	\$0.05	\$0.10	\$0.15	\$0.35
311. HOLLOW CROWN. The old standard variety .....	.05	.10	.15	.35
312. EARLY SHORT ROUND. Early and well adapted to any soil ....	.05	.10	.15	.5

310. ★IMPROVED GUERNSEY PARSNIP. An improved strain and one that has given general satisfaction. See illustration opposite and prices above.

☛ Orders to go by mail are filled the same day as received.

PEAS

Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain full 2 ounces and will plant from 10 to 15 feet of drill; one pound will plant 75 feet; 1½ to 2 bus. an acre. Vitality of good seed, 95%. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Freight prices on page 65.



320½. ★OLDS' BEST EXTRA EARLY. The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

IN ORDER that our customers may know the exact quantity they are ordering, we have listed Beans and Peas by weight instead of by the pint and quart as heretofore. A pint of Peas weighs a little less than one pound and a quart slightly less than two pounds; 100 pounds will seed an acre.



323½. SUTTON'S EXCELSIOR. A new, large-podded dwarf variety, also one of the most vigorous in growth and unsurpassed in quality. The plants grow 14 inches high and are very productive, producing the largest pods (see illustration) of any of the dwarf varieties. The peas are handsome in appearance and mature nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

337. SENATOR.* The Senator is a new second-early. It is a large, luscious wrinkled pea; of the same season as McLean's Advancer, but with larger pods and vines much more productive. The pods are well filled with peas, sweet and tender, even when quite large; vines 2 feet high. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

339. LITTLE MARVEL.

*A new English market variety. It is early, dwarf and a great improvement over Nott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

329½. THE HARVESTER.* A new garden pea, very productive and delicious in flavor. It is medium early and a heavy yielder; grows about 18 inches in height and has pods at top of the vine. The pods usually hang in pairs and are dark green in color. They are about 4 inches long and well filled with delicious peas. The Harvester is hardy and resists drought, making it a very valuable home garden Pea. Our seed was grown for us by the originator. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 25c; 2 lbs., 45c.

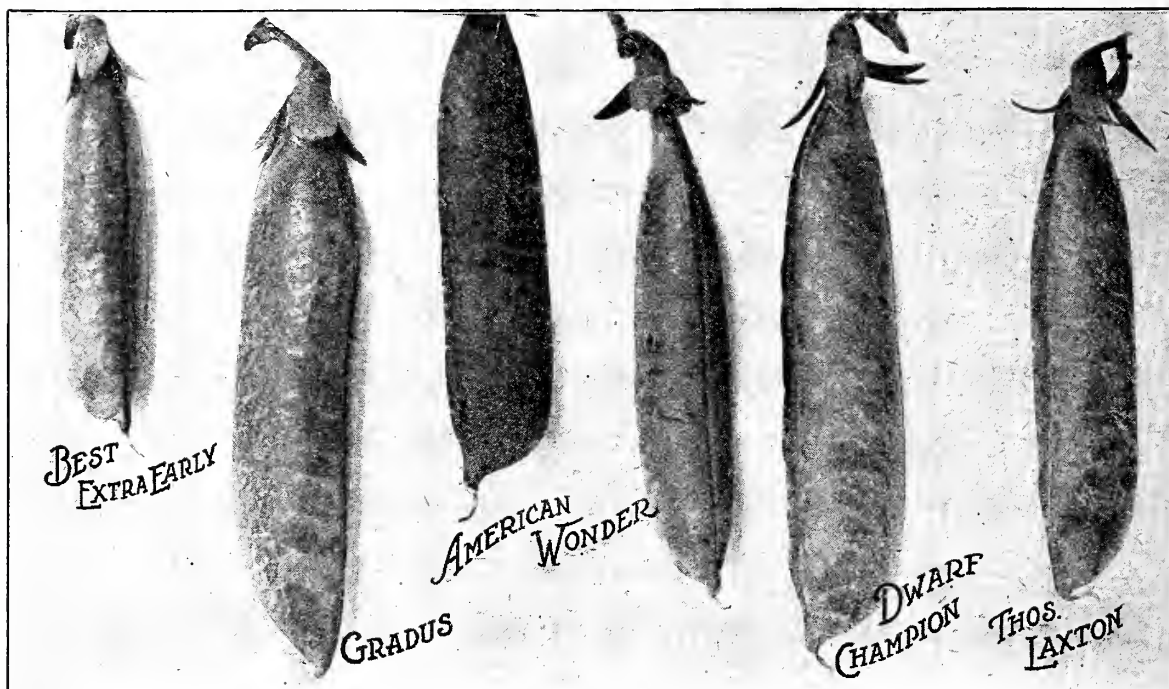
340. MAM. MELTING SUGAR. An edible podded variety; height, 5 feet. The pods are large, thick and fleshy; stringless, brittle and fine flavored. Very productive. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

341. MAMMOTH LUSCIOUS SUGAR. The Perfect Sugar Pea. This pea excels all other edible-podded peas for size, productiveness and quality. The vines average 36 inches in height and remain a long time in bearing. The pods are very large, sweet and tender; very fleshy and equal to the best snap beans for cooking, pods and all. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

Be sure and take advantage of our liberal CASH DISCOUNTS. See page 33.



All wrinkled Peas weigh 56 lbs. to the bushel; smooth varieties, 60 lbs.



324. **★GRADUS.** Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus; it is always a high-priced variety. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

330. **AMERICAN WONDER.** A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

336. **IMPROVED DWARF CHAMPION*** The Dwarf Champion is a dwarf-growing strain of the well known variety—Champion of England. It grows only two feet high but has all the good qualities of its parent. The pods are three inches in length, round and well filled. It is hardy, a vigorous grower and very productive. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

334. **THOMAS LAXTON.*** A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored—very attractive in appearance. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

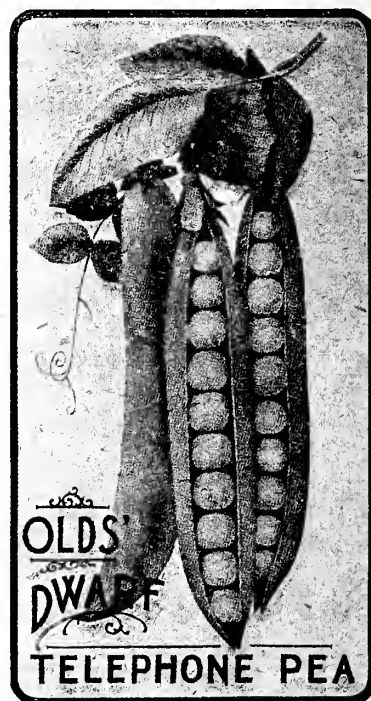


333. **★ENGLISH WONDER.*** The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

335. **★OLDS' DWARF TELEPHONE.*** The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green, peas of the best quality; handsome and just right for the market and the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

331. **EXTRA EARLY PREMIUM GEM*** A fine dwarf variety; height, 18 inches. Very productive, maturing a few days later than American Wonder. The pods are well filled with luscious peas. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

See next page for freight prices and full and complete list of peas.



THREE SPLENDID PEAS FOR SUCCESSION.

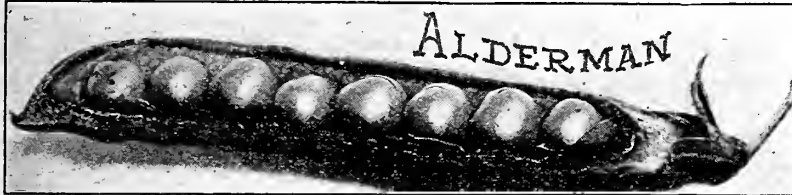
One pkt. each, 25c; one lb. each, 50c; 2 lbs. of each \$1.00, postpaid. By express or freight, not prepaid: 2 lbs. of each 65c; one pk. each \$3.75; ½ pk. each, \$2.00. One bu. each, \$14.50.

325. **★NOTT'S EXCELSIOR.*** The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Premium Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

321. **THE HEROINE.*** Our best second early. It bears profusely and produces large pods, well filled with the very best peas. It is a fine pea for the most critical market gardener and we predict it will become a general favorite. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

326. **IMPROVED STRATAGEM.*** The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; height 18 inches—one of the very finest for a later second early. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

If more than \$5.00 worth of garden seeds, in larger quantities than ounces is wanted, send for our Market Gardeners' net price list before ordering.



320. **★SURPRISE.*** A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas are very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

REMEMBER. We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight, unless otherwise noted.

333½. **ALDERMAN.*** A new mid-season variety, something like the Telephone only better. The vine is a vigorous grower; producing well-filled, dark green pods in abundance—see illustration. The peas are fine flavored and most excellent in quality. We recommend this variety as well adapted to the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 20c; 2 lbs., 35c.

324½. **LAXTONIAN.*** The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

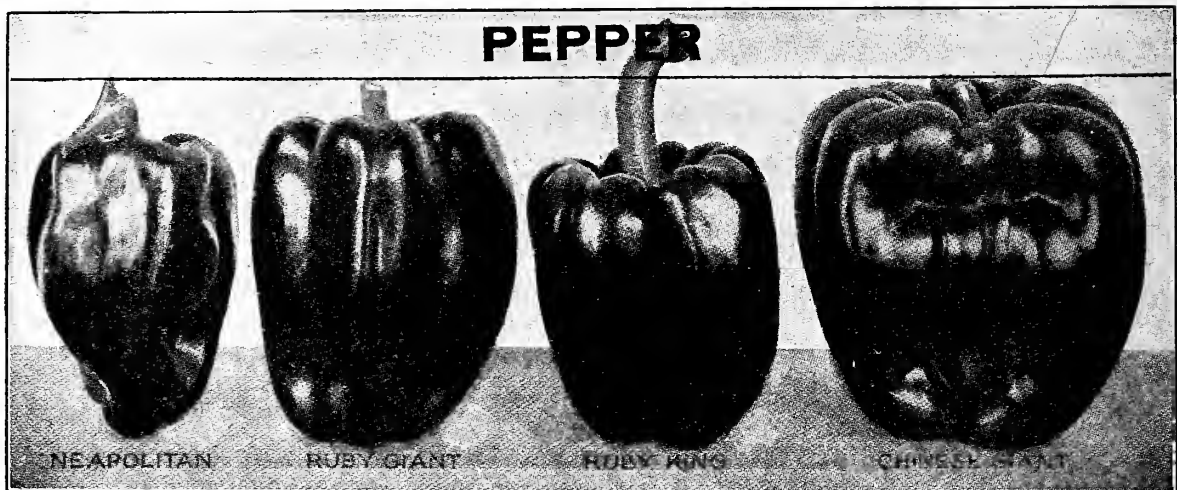
326½. **PIONEER.*** A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 25c; 2 lbs., 40c.

PEAS. Full List.

Half-pounds and half-bushels at pound, and bushel rates.

	By parcel post.			By express or freight.			
	pkt.	lb.	2 lbs.	2 lbs.	½ pk.	pk.	bu.
320. ★SURPRISE.* The earliest of all wrinkled peas.....	\$0.10	\$0.20	\$0.35	\$0.25	\$0.70	\$1.30	\$5.00
320½. ★OLDS' BEST EXTRA EARLY. The best strain.....	.10	.20	.35	.25	.65	1.25	4.75
321. THE HEROINE.* Our best second early.....	.10	.20	.35	.25	.75	1.40	5.50
322. TELEPHONE.* Most popular late variety; vines large; pods well filled; peas tender and of fine quality.....	.10	.20	.35	.25	.75	1.45	5.65
323. ALASKA. The earliest of all blue peas. Very productive.....	.10	.20	.35	.25	.60	1.15	4.25
323½. SUTTON'S EXCELSIOR. A new dwarf variety—page 63.....	.10	.20	.35	.25	.75	1.40	5.50
324. ★GRADUS.* The earliest large-podded pea in cultivation.....	.10	.20	.35	.25	.75	1.45	5.75
324½. LAXTONIAN.* The new dwarf Gradus.....	.10	.25	.40	.30	.95	1.80	6.95
325. ★NOTT'S EXCELSIOR.* The best early dwarf pea.....	.10	.20	.35	.25	.65	1.25	4.75
326. IMPROVED STRATAGEM.* The best late large-podded pea.....	.10	.20	.35	.25	.65	1.25	4.65
326½. PIONEER.* A very popular recent introduction.....	.10	.25	.40	.30	.85	1.60	6.35
327. CHAMPION OF ENGLAND.* One of the best peas grown.....	.10	.20	.35	.25	.65	1.20	4.60
328. MCLEAN'S ADVANCER.* A market gardener's favorite.....	.10	.20	.35	.25	.60	1.15	4.25
329. LITTLE GEM.* Height, 16 to 18 inches; very prolific; excellent flavor.....	.10	.20	.35	.25	.65	1.25	4.75
329½. THE HARVESTER.* A new hardy variety. See page 63.....	.10	.25	.45	.35	.95	1.80	7.00
330. AMERICAN WONDER.* Dwarfest of all varieties; 12 inches in height. Very early and very sweet.....	.10	.20	.35	.25	.70	1.30	4.85
331. EXTRA EARLY PREMIUM GEM.* A very fine dwarf pea of the Little Gem type, over which it is an improvement.....	.10	.20	.35	.25	.65	1.20	4.50
332. BLISS' EVERBEARING.* A very popular pea—continues bearing about two months. Season medium to late.....	.10	.20	.35	.25	.65	1.20	4.60
333. ★ENGLISH WONDER.* The sweetest pea we know of.....	.10	.20	.35	.25	.70	1.35	5.25
333½. ALDERMAN. A midseason variety; well adapted to the home-garden.....	.10	.20	.35	.25	.70	1.30	5.00
334. THOMAS LAXTON.* One of the best yet introduced.....	.10	.20	.35	.25	.75	1.40	5.45
335. ★OLDS' DWARF TELEPHONE.* Most prolific dwarf pea.....	.10	.25	.40	.30	.90	1.70	6.70
336. IMPROVED DWARF CHAMPION.* See page 64.....	.10	.20	.35	.25	.65	1.25	4.75
337. SENATOR.* A grand new second early.....	.10	.20	.35	.25	.70	1.30	5.00
338. HORSFORD'S MARKET GARDEN.* A great favorite.....	.10	.20	.35	.25	.60	1.15	4.40
339. LITTLE MARVEL.* Described and illustrated on page 63.....	.10	.20	.35	.25	.75	1.40	5.50
340. MELTING SUGAR. Edible pods—can be cooked and eaten, pods and all; entirely stringless.....	.10	.25	.40	.30	.90	1.70	6.65
341. MAMMOTH LUSCIOUS SUGAR. The perfect sugar pea.....	.10	.25	.40	.30	.85	1.65	6.50
345. WHITE MARROWFAT. An old favorite market pea.....	.05	.20	.30	.20	.55	1.00	3.75

SEE OUR NEW IDEAL EARLY CORN (page 47) AND NEW EARLY MODEL MUSKMELON—page 56.



We can furnish plants in season—see our list of vegetable and other plants, page 83. Each packet contains seed sufficient to produce over 200 plants; $\frac{1}{4}$ lb. of seed is enough for one acre. Vitality of good seed, 65%. Order by number. One pound of any variety at three and one-half times the price of $\frac{1}{4}$ lb.

Mail, postpaid.

	pkt.	oz.	$\frac{1}{4}$ lb.
350. ★RUBY KING. A very popular red pepper; mild and sweet.....	\$0.05	\$0.15	\$0.50
351. BELL OR BULL NOSE. The best known red pepper; early and prolific.....	.05	.15	.40
351½. RUBY GIANT. A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.05	.15	.55
352. GOLDEN QUEEN. Bright golden yellow; productive, mild and sweet.....	.05	.15	.35
353. SWEET MOUNTAIN. A strong grower; large, productive and sweet.....	.05	.15	.45
354. CHINESE GIANT. A very desirable variety, of recent introduction.....	.05	.25	.95
355. ★OLDS' EARLY NEAPOLITAN. Bright red peppers, produced in abundance.....	.05	.15	.35
356. LONG RED CAYENNE. A standard household variety—hot and pungent.....	.05	.15	.50
356½. PIMIENTO PEPPER. A new picnic pepper—see testimonial, next page.....	.10	.30	1.00
357. RED CLUSTER. Small, thin red pods borne upright in clusters.....	.05	.15	.40
357½. OLDS' RED HOT. (Tobasco.) Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.....	.10	.30	1.15
358. MIXED PEPPERS. The above varieties mixed.....	.05	.10	.30
359. NEW TOMATO PEPPER. In shape and general appearance resembles a tomato; of upright growth, prolific and continuing to bear until frost.....	.05	.15	.50

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to plant from 5 to 10 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn. Vitality of good seed, 90%. Order by number.

362. **★LARGE CONNECTICUT YELLOW FIELD.** (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 30c; 2 lbs. or more, 25c per lb.

361. **★QUAKER PIE.** A distinct variety very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c. Not postpaid: 2 lbs. or more, 55c per lb.

366. **JAPANESE PIE.** A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and desirable for cooking. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c. Not postpaid: 2 lbs. or more, 50c per lb.

360. **★KING OF MAMMOTHS.** Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c. Not postpaid: 2 lbs. or more, 60c per lb.

369. **GOLDEN OBLONG.** A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

FULL LIST.

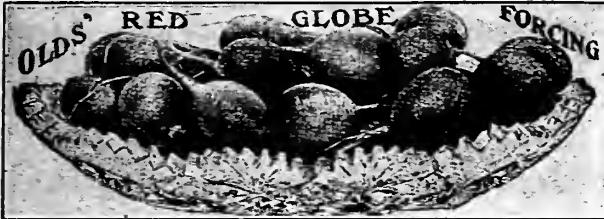
Half-pounds at pound rates. Two pounds or more at five pound rates.

	By parcel post.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
360. ★KING OF MAMMOTHS. The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.05	\$0.10	\$0.25	\$0.70
361. ★QUAKER PIE. A very prolific variety, and one of the best for pies.....	.05	.10	.20	.65
362. ★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin; a sure cropper and a good keeper. Not postpaid: 5 lbs., \$1.00.....	.05	.10	.15	.30
363. SMALL SUGAR. The noted New England Pie Pumpkin, and sweetest of all varieties; prolific and a good keeper.....	.05	.10	.15	.45
364. WINTER LUXURY. A new variety, pronounced by many the best pie pumpkin; of medium size.....	.05	.10	.25	.75
365. CALHOUN. A small pie pumpkin, of extra fine quality.....	.05	.10	.25	.70
366. JAPANESE PIE. A new pumpkin, of Japanese origin; dry and sweet.....	.05	.10	.20	.60
368. LARGE CHEESE. A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive. Not postpaid: 5 lbs., \$1.75.....	.05	.10	.15	.45
369. GOLDEN OBLONG. A new variety, very fine and productive.....	.05	.10	.20	.60
369½. OLDS' MIXTURE. Pumpkins all the season with one planting.....	.05	.10	.15	.50

For larger quantities see our market gardeners' net price list before ordering.

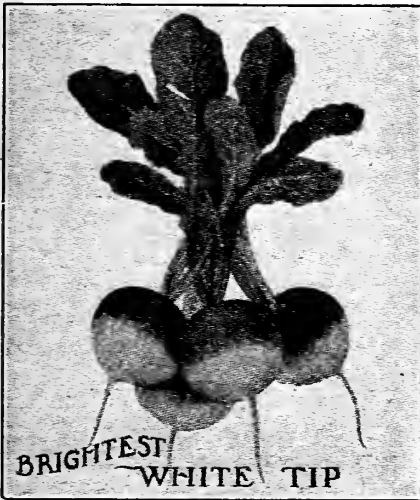
RADISH

Our list includes the best varieties, and our seed is grown from choice French grown stock seed. Pkts. contain ¼ oz. of seed each, sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills. Vitality of good seed, 95%. Order by number.



371½. OLDS' RED GLOBE FORCING. Grows quick and is the best for forcing in or outdoors. Globe-shaped—see illustration opposite; bright red in color; crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 2 lbs. or more, 45c per lb.

378½. OLDS' EARLIEST WHITE FORCING. Not only the earliest white radish, but the earliest of any color; pure white, oblong and tender. Small tops, which permit close planting. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; 2 lbs. or more, 50c per lb.



370½. OLDS' BRIGHTEST WHITE TIP. A bright scarlet white tipped radish—see illustration. It is quite distinct in color and has a well defined clear white tip. It has a small top, is a rapid grower and is adapted for forcing. It remains solid and crisp even when fully developed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 2 lbs. or more at 55c per lb.

371. OLDS' EARLIEST SCARLET TURNIP. A splendid extra early, round bright red radish. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 2 lbs., or more at 45c per lb.

378. OLDS' SNOWBALL. The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; 2 lbs. or more at 50c per lb.

388. OLDS' GOLDEN GLOBE. An excellent summer variety; of quick growth, producing crisp, tender radishes even in the hottest weather. The skin is golden yellow in color; flesh white and mild in flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; 2 lbs. or more, at 50c per lb.

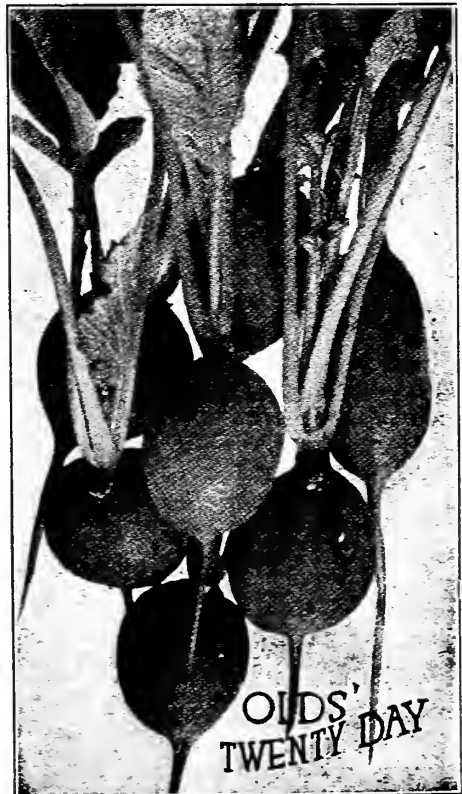
373. ★OLDS' IMPROVED FRENCH BREAKFAST. Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

374½. WHITE OLIVE SHAPED. A splendid pure white olive-shaped radish; somewhat larger in size and a trifle later in maturing than our Earliest White Forcing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

377½. GIANT BUTTER. A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for green-house or hot bed forcing. It is tender and crisp and an excellent variety for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

376. ★GRIMSON GIANT. A distinct forcing variety, and the best for first outdoor planting. The flesh is firm, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

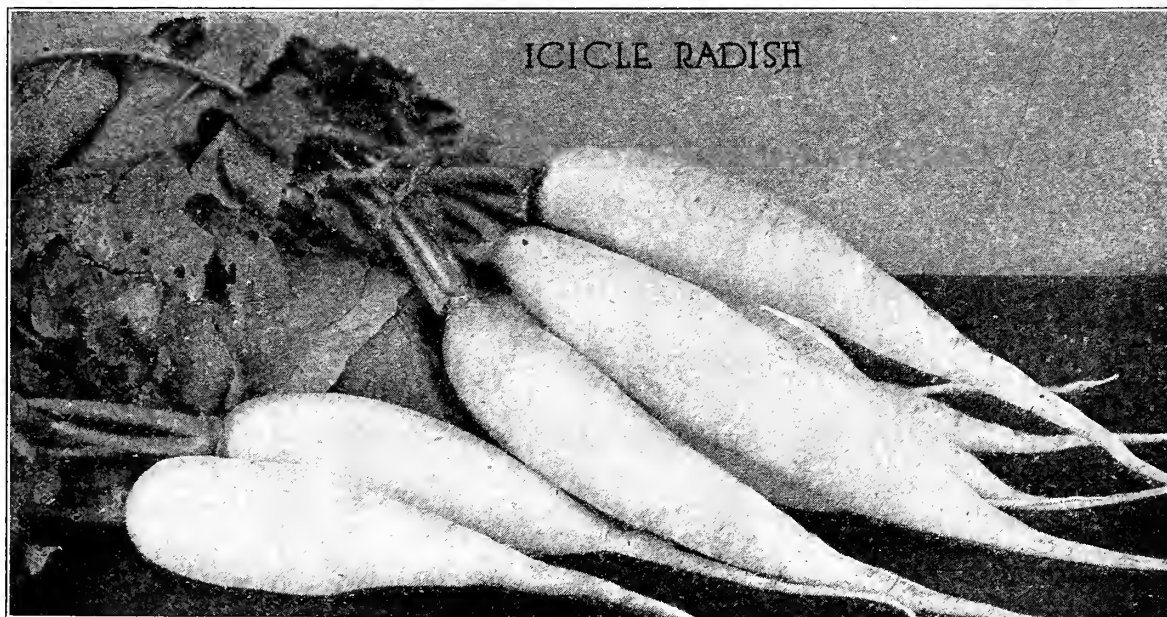
374. OLDS' TWENTY DAY. Olds' Twenty Day is a rich, bright scarlet, olive shaped radish—see illustration opposite; pure white flesh, crisp and tender. It is fine for forcing and has been grown large enough to use in twenty days; also very desirable for first outdoor planting. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.



REMEMBER our prices include parcel postage, unless otherwise noted.
PICNIC PEPPER. D. S. Hall, Wichita, Kans., writes Nov. 11th, 1914: "Regarding sample seed (Picnic Pepper) sent me last spring for trial, wish to say that I have never found its equal in a sweet pepper—large, smooth and prolific, plants stiffly erect, allowing close planting. Very early and not affected by early frost. Neapolitan, Chinese Giant, and Bull Nose entirely killed by first frost, while Picnic was not affected." See 356½ (page 66). Pkt., 10c; 2 pkts., 15c; oz., 30c.

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.

For larger quantities see our market gardeners' net price list before ordering—free on request.



385. **★WHITE ICICLE.** The finest pure white, long variety; very early with smooth symmetrically shaped roots—see illustration above. This radish is not only crisp and tender when young, but retains these qualities until the roots reach a large size. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 2 lbs. or more, 45c per lb.

379. **★NEW LEAFLESS.** A decided acquisition—small top, quick growth; flesh white, crisp, tender and of the best flavor. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

380. **CRYSTAL BEAUTY.** A new long white radish, almost transparent; very uniform in size and shape. The flesh is firm, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.

393. **MAMMOTH JAPANESE.** A distinct variety, growing to an immense size. It should be treated as a summer, fall or winter radish. Pkt., 5c; oz., 10c; ¼ lb., 30c.



RADISH. Full List.

Half-pounds at pound rates. For larger quantities—see market gardeners' net price list.

By parcel post.

		pkt.	oz.	¼ lb.	lb.
370.	SCARLET TURNIP WHITE TIP. A very popular variety.	\$0.05	\$0.10	\$0.15	\$0.50
370½.	OLDS' BRIGHTEST WHITE TIP. A distinct variety. See page 67.	.05	.10	.20	.60
371.	★OLDS' EARLIEST SCARLET TURNIP. A small, round red variety.	.05	.10	.15	.50
371½.	OLDS' RED GLOBE FORCING. The best for forcing in or outdoors.	.05	.10	.15	.50
372.	FIRST AND BEST. The best half-long radish.	.05	.10	.15	.45
373.	★OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp.	.05	.10	.15	.50
374.	OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender. Page 67.	.05	.10	.20	.60
374½.	WHITE OLIVE SHAPED. A splendid, pure white, olive-shaped radish.	.05	.10	.20	.55
375.	★WHITE DELICIOUS. The best white summer radish.	.05	.10	.20	.60
376.	★CRIMSON GIANT. Best large radish for first outdoor planting.	.05	.10	.20	.65
377.	EARLY SCARLET GLOBE. Similar to Scarlet Turnip.	.05	.10	.20	.60
377½.	GIANT BUTTER. A new early forcing variety. Page 67.	.05	.10	.25	.70
378.	OLDS' SNOWBALL (White Box). The earliest white turnip-shaped.	.05	.10	.20	.55
378½.	OLDS' EARLIEST WHITE FORCING. The earliest pure white radish.	.05	.10	.20	.55
379.	★NEW LEAFLESS. Very quick grower; crisp and tender.	.05	.10	.15	.50
380.	CRYSTAL BEAUTY. A new, long, white radish; flesh white.	.05	.10	.20	.60
381.	WHITE STRASBURG. A summer radish; of large size.	.05	.10	.20	.60
382.	BRIGHTEST LONG SCARLET. Handsome long red radish.	.05	.10	.15	.50
383.	IMPROVED CHARTIER. Long crimson, tipped with white.	.05	.10	.15	.50
384.	CINCINNATI MARKET. Early radish, with small tops—bright scarlet.	.05	.10	.15	.50
385.	★WHITE ICICLE. The best long, pure white radish; crisp and tender.	.05	.10	.15	.50
386.	TRIUMPH. Very attractive; best for forcing; globe-shaped.	.05	.10	.20	.60
387.	EARLY LONG SCARLET. The standard long red radish.	.05	.10	.15	.50
388.	OLDS' GOLDEN GLOBE. An excellent summer variety.	.05	.10	.20	.55
389.	LONG WHITE VIENNA. One of the best long white radishes.	.05	.10	.15	.45
390.	NEW WHITE CHINESE. The best large white winter variety.	.05	.10	.20	.60
391.	CHINA ROSE WINTER. Rose colored and a good keeper.	.05	.10	.20	.55
392.	LONG BLACK SPANISH. Good keeper, black skin, white flesh.	.05	.10	.20	.60
393.	MAMMOTH JAPANESE. A new distinct variety; very large.	.05	.10	.30	1.00
394.	MIXED RADISH. Radishes the whole season.	.05	.10	.15	.45

SEE OUR NEW STRINGLESS WAX BEAN (page 36) AND NEW PEPPER—page 67.

RHUBARB

Rhubarb, or Pie Plant is the earliest spring vegetable. It can be grown easily from seed in one season. The stalks should not be used until the plants have had a full season's growth.

395. LARGE VICTORIA. The most popular variety: comes true from seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

RHUBARB ROOTS. We can also supply rhubarb roots—page 83. Special prices for quantity, given on application.

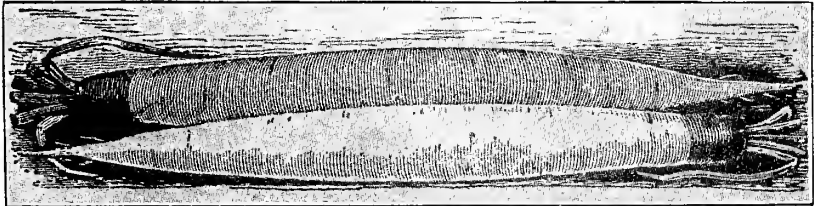
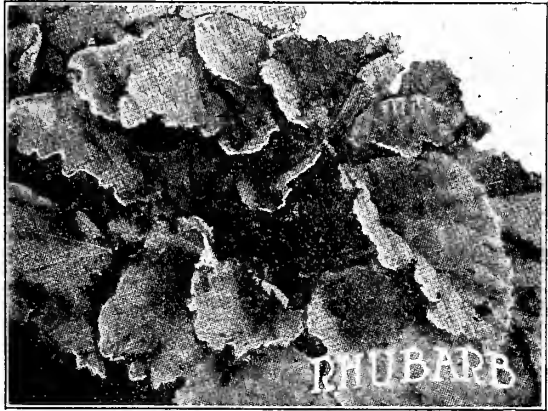
SALSIFY

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.

397. *MAM. SANDWICH ISLAND. Large roots of fine quality and flavor. Mam. Sandwich Island grows nearly twice the size of the White French. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c; 2 lbs. or more, 60c per lb. Not postpaid: 5 lbs., \$2.75.

398. WISCONSIN GOLDEN. Originated in Wisconsin. Very much like the Mammoth Sandwich Island except that the roots have a yellow tinge. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

REMEMBER. We pay the postage, unless otherwise noted.




SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is fresh and as low in price as first quality seed can be sold for. Vitality of good seed, 90%.



400. ROUND LEAVED. A well-known standard, early variety; very hardy. Leaves large, thick, fleshy and bright green in color—illustrated above. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 25c; 2 lbs. or more, 20c per lb. Not prepaid: 5 lbs., 75c.

402. *BLOOMSDALE. A great favorite: thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 25c; 2 lbs. or more, 20c per lb. Not prepaid: 5 lbs., 75c.

 **403. *OLDS' LONG SEASON.** The best long season variety—withstanding the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c; 2 lbs. or more, 25c per lb. Not postpaid: 5 lbs., \$1.00.

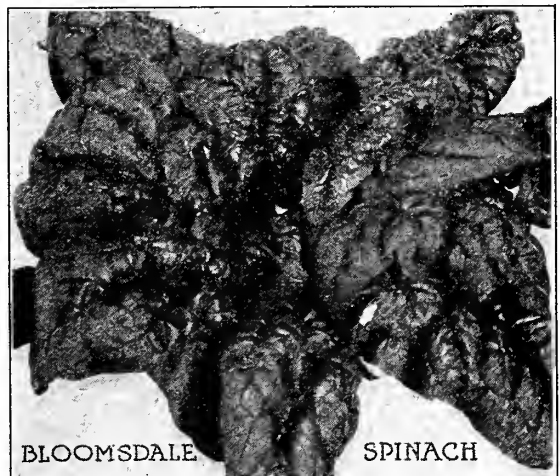
401. LONG STANDING. Leaves large, thick and crumpled, with a fleshy appearance; very desirable. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 25c. Not prepaid: 5 lbs., 75c.

402½. VICTORIA. Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c. Not prepaid: 5 lbs., \$1.25.

403½. NEW ZEALAND. For mid-summer sowing; well adapted to dry localities. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c. Not prepaid: 5 lbs., \$1.75.

404. PRICKLEY OR WINTER. For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c. Not prepaid: 5 lbs., \$1.00.

404½. OLDS' MIXED Spinach Seed will furnish greens all the season from one sowing. Oz., 5c; ¼ lb., 10c; lb., 20c.



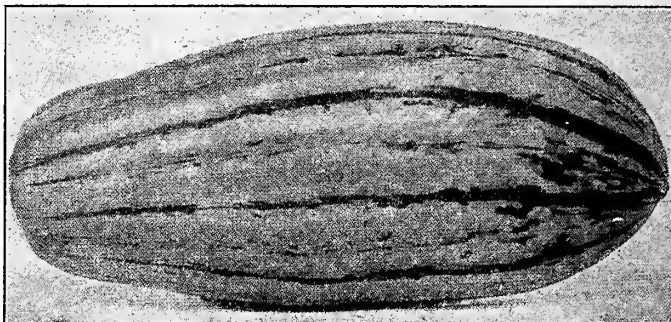
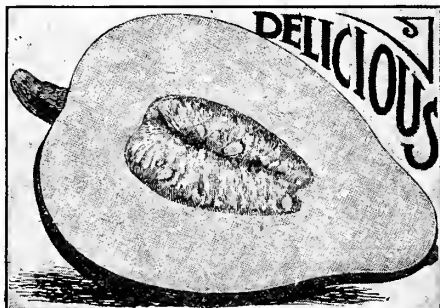
BLOOMSDALE

SPINACH

If you have anything new that is good, write us about it.

SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for about 8 hills; 3 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%.



Mammoth Chili. Pkt., 5c; oz., 10c.



410. **★DELICIOUS.** A recent introduction. One of the thick-est-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.

406. **MAM. YELLOW BUSH.** The largest and most handsome bush squash—see illustration opposite, from a photograph. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.

405. **★MAM. WHITE BUSH.** A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.

407. **★GIANT SUMMER CROOKNECK.** The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.

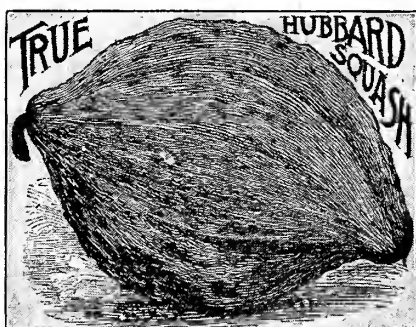
411. **★TRUE HUBBARD.** The standard winter squash. Large olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb. Not prepaid, 5 lbs., \$2.50.

412. **WARTED HUBBARD.** Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb.

413. **GOLDEN HUBBARD.** Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

420. **MAMMOTH CHILI.** A very large and attractive variety. The skin is a rich orange yellow; flesh thick, fine grained and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

Jas. S. Cumby, Winchester, Ills., Nov. 11th, 1914, says: "I want to tell you about my Mammoth Squash. It measures one way 6 ft. 2 in. and the other way 5 ft., and weighs 90 lbs. I got the seed of you last spring."



SQUASH. Full List.

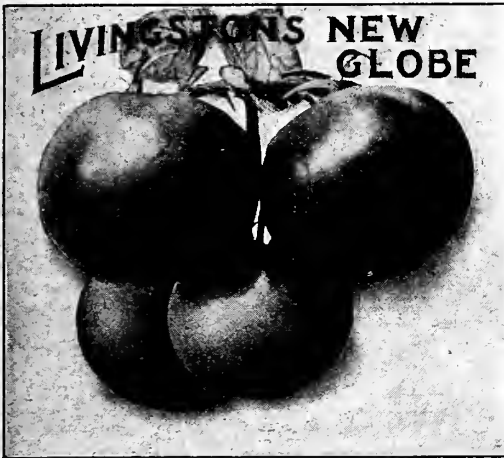
Market gardeners' list (free on request), for larger quantities. $\frac{1}{2}$ lb. at pound rates.

		By parcel post.			
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.
405.	MAMMOTH WHITE BUSH. A true bush variety; larger and better shaped than the well-known Early White Scallop.	\$0.05	\$0.10	\$0.20	\$0.60
406.	★MAMMOTH YELLOW BUSH. The largest bush squash.	.05	.10	.20	.60
407.	★GIANT SUMMER CROOKNECK. The earliest summer squash.	.05	.10	.20	.60
408.	FORDHOOK. Very fine for pies. A good yielder and keeper.	.05	.10	.25	.75
409.	DELICATA. Very solid, rich and dry—extra fine for home use.	.05	.10	.20	.60
410.	★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.	.05	.10	.20	.60
411.	★TRUE HUBBARD. The standard winter squash. See illustration.	.05	.10	.20	.60
412.	WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.	.05	.10	.20	.60
413.	GOLDEN HUBBARD. Bright orange-yellow; see above.	.05	.10	.25	.75
414.	CHICAGO ORANGE MARROW. Best fall squash.	.05	.10	.20	.55
415.	BOSTON MARROW. Good for both fall and winter use.	.05	.10	.20	.60
416.	SIBLEY, or PIKE'S PEAK. A general favorite.	.05	.10	.25	.70
417.	VEGETABLE MARROW. Popular English garden variety; smooth skin.	.05	.10	.20	.55
420.	MAMMOTH CHILI. The largest of all squashes—illustrated above.	.05	.10	.25	.70
424.	OLDS' MIXTURE. Squashes all the season with one sowing.	.05	.10	.15	.50

See our cash Discount offer on packets and ounces—page 33.

TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stock. Our packets each contain seed enough to produce 300 plants; 3 ozs. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%.



440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction. This tomato is a beautiful globe in shape, resembling a peach in form (see illustration). On account of its shape, a greater number of slices can be taken from each one. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds. It ripens evenly, with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

442. NEW CORELESS. LIVINGSTON'S 1908 INTRODUCTION. The most perfect shaped canning variety yet introduced. In shape it is almost round, being about the same in diameter each way. The depression at the stem end has been almost eliminated, which, together with its shape and size, makes it a perfect tomato for canning purposes. The globe tomatoes are fast superseding the old flat, wrinkled varieties. It is very productive. The fruits are of marketable size and always free from green core. The flesh of the New Coreless is very firm and the seed cells are surrounded by bright red, heavy, meaty and delicious flesh, which has a sharp, acid taste. The Coreless is bright red in color and its fruits ripen all over and all at the same time. Canners, market gardeners and lovers of good tomatoes should give this new tomato a trial. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 55c.

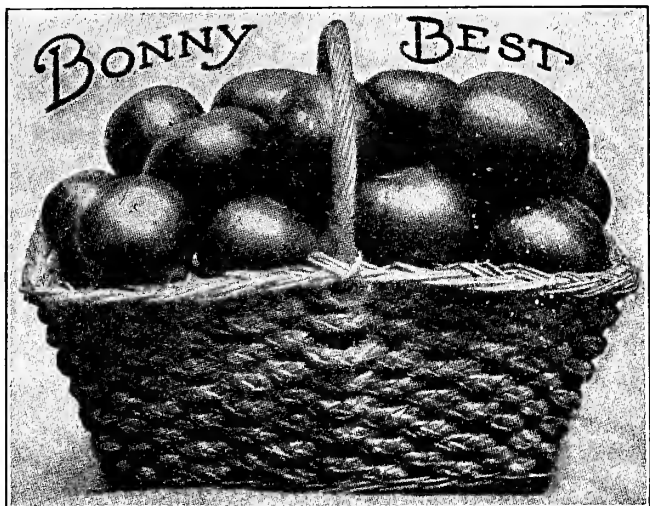
444. BONNY BEST. An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem without crack or black spot. Very productive and a fine shipper, being even in size and packing well in a crate or basket—see illustration. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

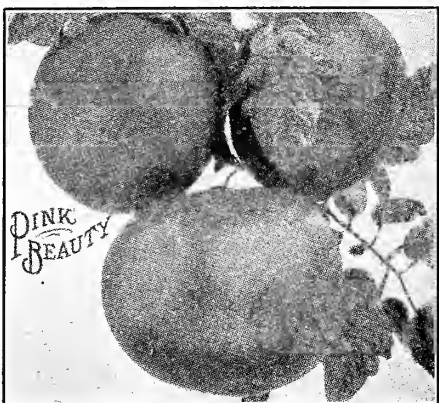
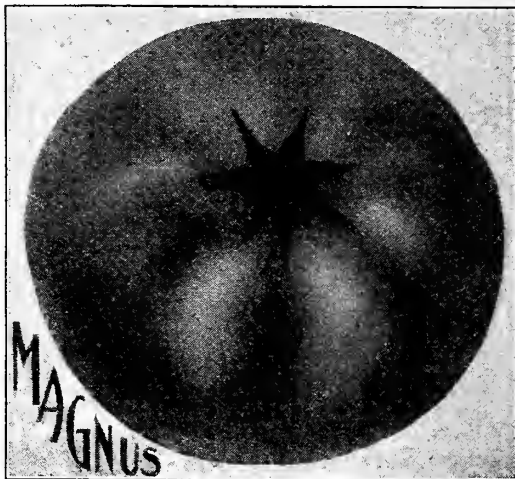
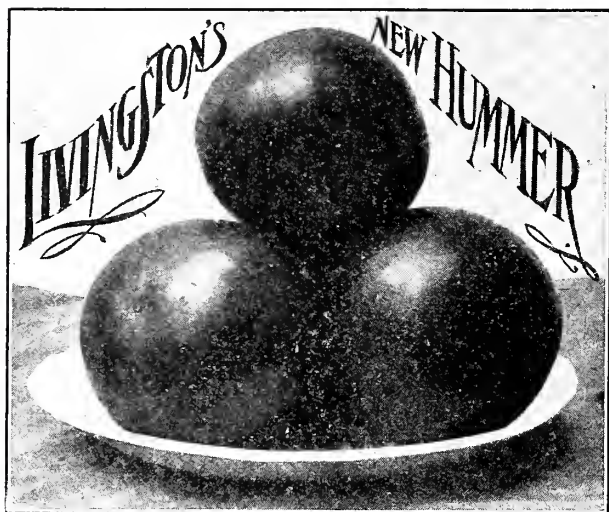
443. JUNE PINK. The earliest of all pink tomatoes. It is a good yielder of high quality and runs very smooth for an early sort—see illustration, from a photograph; similar in habit and shape to the Earliana differing from it in color only, which is pink instead of red. Pink tomatoes are much preferred in some markets. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. The fruit is borne in clusters, single specimens often measuring 3 inches in diameter. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

425. ★SPARK'S EARLIANA. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red, with solid center and small seed-cells. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

Herman S. Heries, Hatton, N. Dak., Mar. 20th, 1914, writes the Successful Farmer, in which paper he first saw our advertisement: I consider The L. L. Olds Seed Company's seeds the best, based both on quality and quantity for the amount of money invested.

Mrs. J. H. Funke, of Shumay, Ill., Aug. 5th, 1914, says: "I had good results from all the seed I purchased of you this spring. I would like another catalogue by return mail."





439½. OLDS' PINK BEAUTY. A mid-season variety and the best purple tomato. The vines are strong, vigorous and heavy bearers; fruit large, very smooth and uniform in size. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.

441. THE HUMMER. Livingston's 1907 Introduction. Round as a ball and smooth as an apple—see illustration above. The Hummer is bright scarlet in color, and very productive. The flesh is crimson-scarlet and of the finest quality. The fruit is very firm and solid, in fact, a rotten tomato is seldom found. It ripens early, very even, and if picked when just turning, will carry a long distance in fine condition. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

433. NEW MAGNUS. One of the finest yet introduced; four clusters of large fruits where other varieties have only three. The Magnus is large and uniform in size, matures quickly and is very suitable for a main-crop variety. The flesh is very firm and unsurpassed in quality. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

426. ★SUCCESS. A new tomato well worthy of the name "Success." It is just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety, while its deep color and solidity make it also well adapted for canning. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

429. ★MATCHLESS. Well worthy of its name—it is hard to match. It produces large, red fruits throughout the entire season; flesh very solid, heavy and free from any core. If we were to plant but one variety of tomatoes it would be the Matchless. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c.

430. NEW DWARF STONE. Another of Livingston's recent introductions. The tomatoes are perfect in shape. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

439. OLDS' GOLDEN BEAUTY. (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

TOMATOES. Complete List.

One pound of any variety at three and one-half times the price of ¼ lb. ½ lbs., at lb. rates.

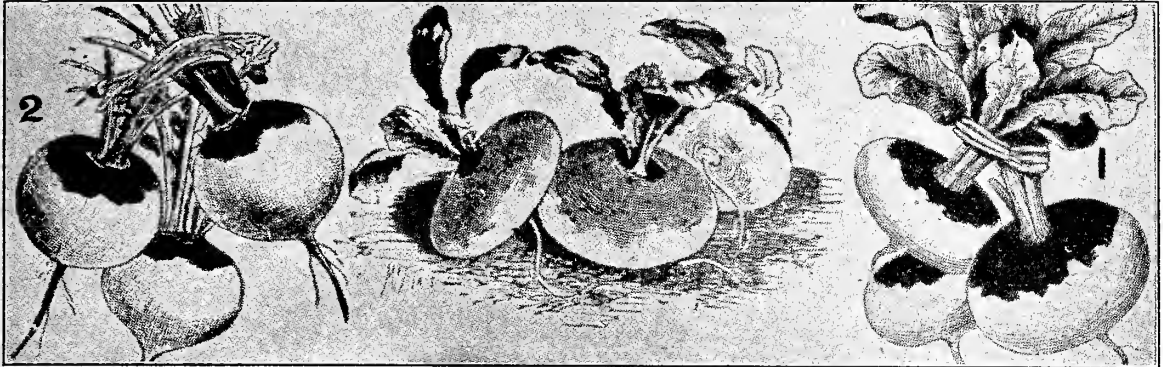
By parcel post.

	pkt.	½ oz.	oz.	¼ lb.
425. ★SPARK'S EARLIANA. Very early, and remarkable for its large size.....	\$0.05	\$0.10	\$0.15	\$0.40
426. ★SUCCESS. Just right for a second early.....	.05	.10	.15	.40
427. ★NEW STONE. Best of all for main crop; large, smooth and solid.....	.05	.10	.15	.35
428. ★FORDHOOK FIRST. A very satisfactory first early.....	.05	.10	.15	.40
429. ★MATCHLESS. Produces large, red tomatoes the entire season.....	.05	.10	.15	.35
430. ★NEW DWARF STONE. A recent introduction; strong, upright vines.....	.05	.10	.15	.45
431. ★TRUCKER'S FAVORITE. A large, purple tomato; very productive.....	.05	.10	.15	.30
432. ★DWARF CHAMPION. A popular dwarf variety.....	.05	.10	.15	.40
433. ★NEW MAGNUS. One of the finest yet introduced.....	.05	.10	.15	.40
434. ★CHALK'S EARLY JEWEL. One of the largest and finest.....	.05	.10	.15	.40
435. ★EARLY MICHIGAN. One of the best for second early.....	.05	.10	.15	.35
436. ★EARLY ACME. The standard bright pink tomato.....	.05	.10	.15	.30
437. ★PONDEROSA (Henderson's). The largest of all.....	.05	.10	.15	.50
438. ★ENORMOUS. The largest and smoothest tomato grown.....	.05	.10	.15	.55
439. ★OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow.....	.05	.10	.15	.45
439½. ★OLDS' PINK BEAUTY. The best midseason pink variety.....	.05	.10	.15	.40
440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction. Page 71.....	.05	.10	.15	.45
441. ★THE HUMMER. Livingston's 1907 Introduction.....	.05	.10	.15	.45
442. ★NEW CORELESS. Livingston's 1908 Introduction. Page 71.....	.05	.10	.15	.55
443. ★JUNE PINK. The earliest of all pink tomatoes.....	.05	.10	.15	.40
444. ★BONNY BEST. A fine early home variety. See page 71.....	.05	.10	.15	.40
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446½, Red Pear; 447, Yellow Plum; 447½, Red Plum; 448, Red Cherry; 448½, Yellow Cherry; 449, Red Currant; 449½, Grape, each..	.05	.10	.15	.40
450. ★SMALL FRUITED VARIETIES MIXED. Red, white and yellow.....	.05	.10	.15	.40
451. ★LARGE FRUITED VARIETIES MIXED. Tomatoes all season.....	.05	.10	.15	.30
455. ★STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Fine for preserving or for pies.....	.05	.10	.15	.40

We guarantee safe delivery of all seeds sent by mail, express or freight.

TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to sow 50 feet or more; 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Vitality of good seed 95%. Order by number. Two pounds or more at 5-pound rates.



460. ★PURPLE TOP STRAP LEAF. The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below (see illustration, Fig. 1). Our seed of this variety is of the best, and we sell more of this one sort than of all others combined. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c; 2 lbs. or more, 30c per lb. Not postpaid: 5 lbs., \$1.25.

470. OLDS' HEAVY CROPPER. Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; 2 lbs. or more, 35c per lb.. Not postpaid: 5 lbs., \$1.50.

463. WHITE FLAT DUTCH. A popular table variety. The roots are of medium size, flat, flesh pure white, fine grained and sweet—see illustration opposite. The roots are in the best condition for table use, when about two and one-half inches in diameter; can also be grown as a field crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; 2 lbs. or more, 30c. Not postpaid: 5 lbs., \$1.50.

465. ★PURPLE TOP WHITE GLOBE. Very attractive in appearance (see illustration, Fig. 2, above); a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c; 2 lbs. or more, 30c per lb. Not postpaid: 5 lbs., \$1.25.

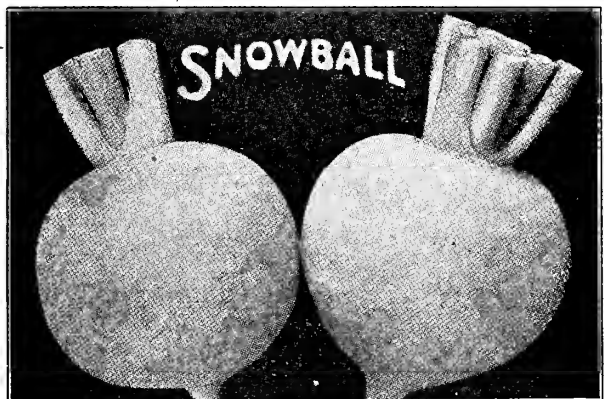
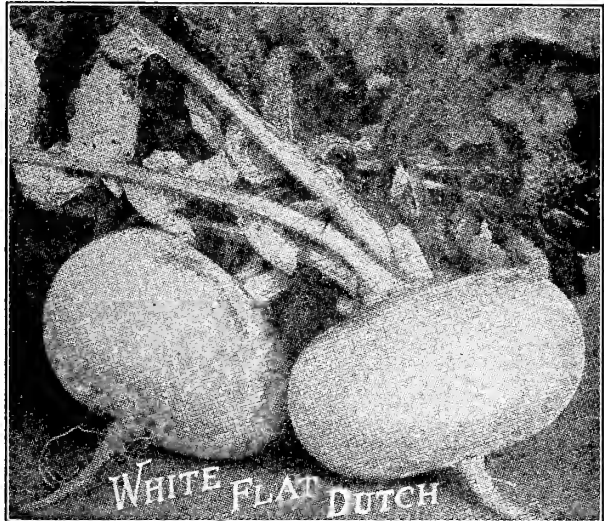
461. ★EXTRA EARLY PURPLE TOP MILAN. A new strap-leaved turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top; illustrated above. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; 2 lbs. or more, 45c per lb. Not postpaid: 5 lbs., \$2.00.

462. EARLY WHITE MILAN. The tops are small, upright and compact. The roots are white and very smooth. The flesh white, mild and sweet—desirable for early use. Price same as for Purple Top Milan.

466. ★SNOWBALL. The most suitable white turnip for table use. (Illustrated opposite). Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c; 2 lbs. or more 40c per lb. Not postpaid: 5 lbs., \$1.75.

479. OLDS' GOLDEN HEART RUTABAGA. A new variety, fine grained, mild and sweet. W. H. Mayo, of Valton, Wis., says: "You have a valuable prize in your new Rutabaga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table or for stock feeding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c; 2 lbs. or more, 45c per lb."

The germination of mail order seeds tested by the Department of Agriculture for five years has been 77.5 per cent and the germination of box seeds 60.5 per cent—the low vitality of box seeds is a strong argument for the purchase of mail order seeds.



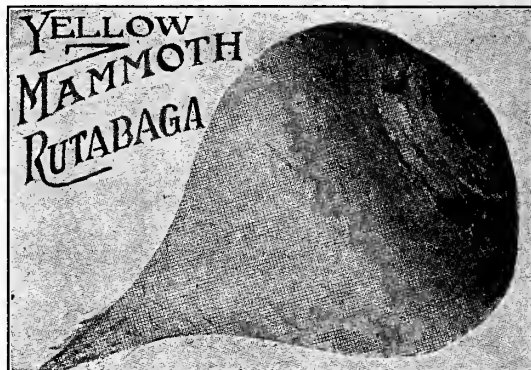
We test our seeds for germination before sending them out. A record is kept of each test and a stock letter stamped on every package. By referring to this stock letter and number we can tell the germinating percentage of any particular lot of seed. Will furnish this on request.



475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 40c; 2 lbs. or more, 35c per lb. Not postpaid: 5 lbs., \$1.75.

476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. In our opinion the most profitable sort to grow, as it is the hardest, heaviest, best shaped and most productive. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 40c; 2 lbs. or more, 35c per lb. Not postpaid: 5 lbs., \$1.75.

An illustrated book on "Home Floriculture," free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.



TURNIP AND RUTABAGA. Full List.

For larger quantities see our market gardeners' net price list—free on request.

		By parcel post.			
		pkt.	oz.	1/4 lb.	lb.
460.	★PURPLE TOP STRAP LEAF. A well-known standard variety.....	\$0.05	\$0.10	\$0.15	\$0.35
461.	★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip.....	.05	.10	.15	.50
462.	EARLY WHITE MILAN. A rapid grower and very handsome.....	.05	.10	.15	.50
463.	WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower; one of the best. 5 lbs., not prepaid, \$1.50.....	.05	.10	.15	.40
464.	WHITE EGG. A quick grower, egg-shaped, smooth, with small top.....	.05	.10	.15	.45
465.	★PURPLE TOP WHITE GLOBE. An early variety, globe-shaped.....	.05	.10	.15	.35
466.	★SNOWBALL. Best white turnip for table use.....	.05	.10	.15	.45
467.	COW HORN. Grows large; fine for fall or winter.....	.05	.10	.15	.35
470.	OLDS' HEAVY CROPPER. Round, yellow and very productive.....	.05	.10	.15	.40
471.	GOLDEN BALL. The best yellow turnip for table use.....	.05	.10	.15	.35
472.	YELLOW ABERDEEN. The best yellow turnip for stock.....	.05	.10	.15	.40
474.	MIXED. Purple, white and yellow turnips all summer.....	.05	.10	.15	.30
475.	★OLDS' IMPROVED PURPLE TOP RUTABAGA. The old standard.....	.05	.10	.15	.40
476.	★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape—see illustration above.....	.05	.10	.15	.40
477.	NEW NECKLESS RUTABAGA. Globe-shaped; yellow flesh.....	.05	.10	.15	.45
478.	OLDS' LARGE WHITE. Skin white; flesh white and sweet.....	.05	.10	.15	.40
479.	OLDS' GOLDEN HEART. Fine grained, mild and sweet. Page 73.....	.05	.10	.15	.50
479 1/2.	MIXED. A fine assortment of yellow and white rutabagas.....	.05	.10	.15	.30



TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain 1/8 oz. of seed; one ounce of seed will plant an acre.

500. COMSTOCK'S SPANISH. The favorite variety in Wisconsin. Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 85c; lb., \$3.00.

501. CONNECTICUT SEED LEAF. Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 50c; lb., \$1.75.

502. IMPROVED WHITE BURLEY. An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 55c; lb., \$2.00.

No. 3. STAR COLLECTION.

57c Worth for 25c.

This Collection is a very popular one and most suitable for an early garden. One packet each—10 pkts. in all—for 25 cents: Beet 44, Cabbage 71, Cucumber 168, Lettuce 215, Muskmelon (Rocky Ford) 244, Onion (Red Globe) 298, Parsnips (Improved Guernsey) 310, Radish 371, Spinach 402, and Tomato 428.

On account of the liberal discount on packets—see page 33 and 75—we have discontinued most of our Collection offers.

See pages 34 and 83 for other collection offers.

We believe in halftone illustrations made from photographs. If you grow anything good from our seeds, send us a photograph of it—like Lucullus Swiss Chard, or Fireball Beet (page 40). We will pay the cost of the photograph, and if we can do so, will use it in our next catalogue. To make good pictures the photographs should be on glossy paper, any size (the larger the subject, the better), mounted or unmounted.

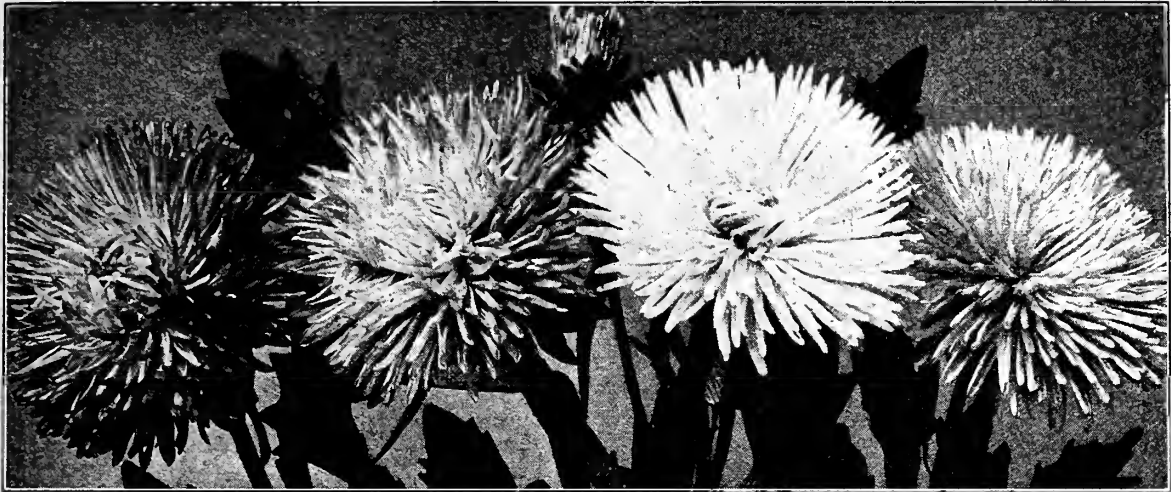
Remember we pay the parcel postage on all Garden and Flower Seeds, unless otherwise noted.

No. 6. BEST BARGAIN COLLECTION.

\$1.33 Worth for 50c.

This Collection is our best bargain in vegetable seeds—no two alike. It includes our "Star" Collection—10 pkts. most suitable for an early garden, together with one packet each: Beet 51, Cabbage 79, Carrot 103, Celery 115, Sugar Corn (fine for early) 135, Sugar Corn (excellent for late) 146, Cucumber (king of picklers) 158, Lettuce (a sure header) 217, Muskmelon (Netted Gem) 237, Watermelon 261, Onion 285, Radish 370, Squash 413, Tomato 427, and Turnip 461. 25 packets in all for 50 cents.

CHOICE FLOWER SEEDS.



Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

We allow a Cash Discount of from 25 to 35 per cent on Flower Seeds by the packet (see page 33) and if the order amounts to 25 cents, or more, a full sized packet of Old Fashioned Garden Mixture, free, on request.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, A indicates Annual, one that grows, blooms and dies the first year from seed; B indicates Biennial, that blooms the second year from seed; P indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; H means Hardy, H H means Half Hardy, and T Tender—thus, H. H. A. is a Half Hardy Annual.

ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture. H. A.

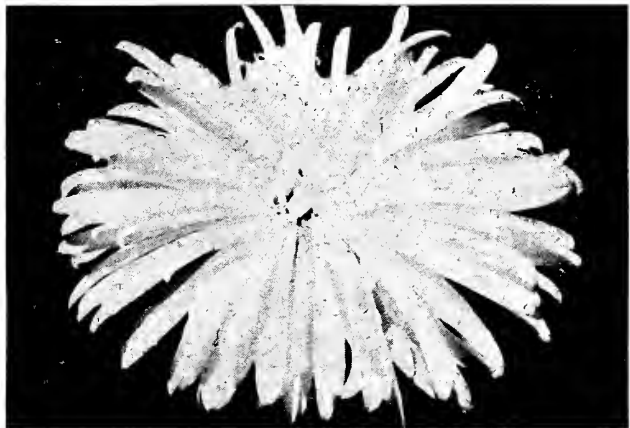
800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. These Asters are very fine, having been grown from the best selected stocks. Pkt., 5c; 3 pkts., 10c.

801. Peony Flowered Mixed, Truffaut's. Plants literally covered with large, double flowers. Pkt., 5c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 5c.

803. Victoria Mixed. Very handsome. The petals curve out and down, while those of the Peony Flowered curve up and in. Pkt., 5c.

804. Chrysanthemum-Flowered. Dwarf mixed: large, handsome flowers. Pkt., 5c.



White Ostrich Plume. Pkt., 5c; 3 pkts., 10c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 5c; 3 pkts., 10c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 5c.

808. White Perfection. Page 76. Pkt., 10c.

809. New Japanese. A very striking variety. Tassel-shaped flowers. Pkt., 10c; 2 pkts., 15c.

810. Snowball. The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 10c; 2 pkts., 15c.

810½. Peach Blossom. A decided and most pleasing shade of lavender pink. The flowers are large and thick and have a massive effect. The plants produce long stems that hold the flowers up at all times. Pkt., 10c; 2 pkts., 15c.

811. Daybreak. Delicate pink, globe-shaped flowers. Pkt., 5c.

812. Alice Roosevelt. Yellow, changing to flesh color. Pkt., 5c.

813. Violet King. Handsome, violet-colored flowers. Pkt., 5c.

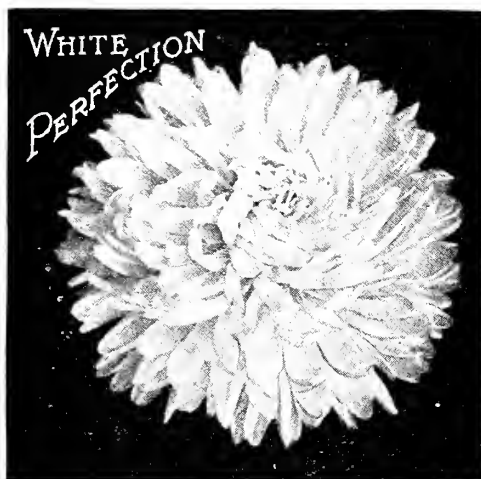
814. White Hercules. Strong stems 15 to 20 inches high; pure white flowers 6 to 7 inches in diameter. Pkt., 5c; 3 pkts., 10c.

815. Vick's Cardinal. The best bedding aster. Pkt., 5c.



No matter what you order from this catalogue, you can rest assured you will get full returns for your money.

\$0.50	worth of	Flower Seeds	in	Pkts. for	\$0.35
1.00	"	"	"	"	.65
1.50	"	"	"	"	.95
2.00	"	"	"	"	1.15



808. **White Perfection.** The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright plants—see illustration above. Pkt., 10c; 2 pkts., 15c.

If you have anything new that is good, write us about it. Better yet, send us a photograph of it. We will pay the cost of the photograph.



816½. **Pink Enchantress.** A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink and usually lasting. Pkt., 15c; 2 pkts., 25c.

Cultural directions in the shape of a small booklet with every order. Remember we pay postage on all flower seeds.



Giant Empress Candytuft. Pkt., 5c. Page 77.

816. **Purity.** Large double flowers, of fine form and pure snowy whiteness. To secure the largest flowers, plant early in spring. Pkt., 10c; 2 pkts., 15c.

816½. **Pink Enchantress.** See cut. Pkt., 15c; 2 pkts., 25c.

817. **Christmas Tree.** Large flowers; plants compact and pyramidal in form. Pkt., 5c.

818. **Mikado Pink.** A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, delicate lavender pink flowers. Pkt., 5c.

819. **Upright Pink.** A single plant of this variety is a bouquet in itself. When the flower first opens it is almost white, shading to a decided lavender pink when in full bloom. Pkt., 5c.

ABUTILON (Chinese Bell Flower). A splendid house plant. T. P. 820. Fine Mixed. Extra fine. Pkt., 10c; 2 pkts., 15c.

AGERATUM (Floss Flower). Fine bedding plants; valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

830. Sweet Maritimum. White. Pkt., 5c.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact; excellent for beds or borders. Pkt., 5c.

AMARANTHUS. A very strong and rapid grower; ornamental foliage. H. H. A.

835. Splendens. Finest mixed. Pkt., 5c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season from seed. H. P.

840. Dwarf Mixed. Compact. Pkt., 5c.

841. Giant Fragrant. Mixed. Large, double, fragrant flowers. Pkt., 5c.

842. Snowflake. Pure white. See illustration. Pkt., 10c; 2 pkts., 15c.

843. Pink Beauty. Large, rich, rose-colored flowers. Pkt., 10c.

AQUILEGIA (Centaurea). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 5c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any month of the year.

850. Plumous Nanus. Pkt., (25 seeds), 15c; 2 pkts., 25c.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. Very choice. Pkt., 5c.

BALSAM.

Packets contain from 30 to 50 seeds each.

Balsams, like asters, are one of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.

860. Olds' Camellia Flowered Mixed. Large, perfect, double flowers. - Mixed colors. Pkt., 5c.

861. White Perfection. Pkt., 5c.

CALENDULA (Pot Marigold). Profuse bloomers all summer. H. A.

865. Double Mixed. Fine shades. Pkt., 5c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers. H. A.

870. Fine Mixed. Many colors. Pkt., 5c.

871. Rose Queen. Rose carmine. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. Pkt., 10c; 2 pkts., 15c.

30 to 45 per cent cash discount on flower seeds, by the packet.—See page 75.



Snowball Chrysanthemum. Pkt., 5c.

CALLIOPSIS (Coreopsis). One of our best free blooming summer plants; of easy culture.

875. Fine Mixed. Fine for cut flowers. Pkt., 5c.

CANARY BIRD FLOWER. One of the most desirable climbers producing yellow-fringe flowers throughout the whole season. H. H. A.

880. Tropaeolum Canariense. Pkt., 5c.

CANDYTUFT.

One of the most popular flowers grown; fine for beds or edgings. H. A.



885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture—try it. Pkt., 5c.

886. Giant Empress. A new sort. Flowers borne on long spikes. Pure white. Illustrated on page 76. Pkt., 5c.

887. Snowflake. Free flowering. Pkt., 5c.

888. Dwarf Hybrids Mixed. Dwarf and compact. Pkt., 5c.

CANNA, Large Flowering French. A new and distinct class of Cannas of dwarf habit and producing very large flowers.

890. Crozy's Best Mixed. All the finest colors. Soak the seed twelve hours in warm water before sowing. Pkt., 5c; oz., 20c.

CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers.

895. Mixed. Best and most striking single and double varieties. Pkt., 5c.

CARNATIONS. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

900. Marguerite. New Giant; producing large flowers of fine form—illustrated above. Pkt., 5c.

CELOSIA (Cockscomb). Plume-shaped flowers.

905. Ostrich Plume. Crimson flowers, curled like an ostrich plume. Pkt., 5c.

CENTAUREA. Profuse bloomers, suitable for bouquets and general floral decoration. H. A.

910. Margaret. Pure white flowers. Pkt., 10c; 2 pkts., 15c.

911. Imperialis. A new, sweet-scented Centaurea; very showy. Pkt., 5c.

CHRYSANTHEMUM.

Blooming continually all summer; suitable for pot culture. H. A.

915. Mixed. Single and double. Pkt., 5c.

916. Snowball. Large, perfect, pure white flowers. Illustrated above. Pkt., 5c.

917. Dwarf Golden Gem. Compact. Pkt., 5c.

918. Dwarf Primrose. Bright primrose. Pkt., 5c.

COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

920. Purple. Bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

COSMOS.

A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

925. Giant-Flowered Mixed. Pkt., 5c.

926. Early Dwarf Dawn. A new variety. Blooming in July and until frost. Pkt., 5c.

927. Lady Lenox. A new giant-flowered variety—illustrated above. Pkt., 5c.

928. Mammoth White Perfection. An improved variety; fine for vases, keeping several days in water. Pkt., 5c.

CYPRESS VINE. A very beautiful climber.

930. Mixed. Rose, scarlet and white. Pkt., 5c.

931. Ivy Leaved. A new scarlet variety with ivy-shaped leaves. Pkt., 5c.

CYCLAMEN. A beautiful pot plant, flowering from seed the first year.

933. Giant Flowered. Mixed. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

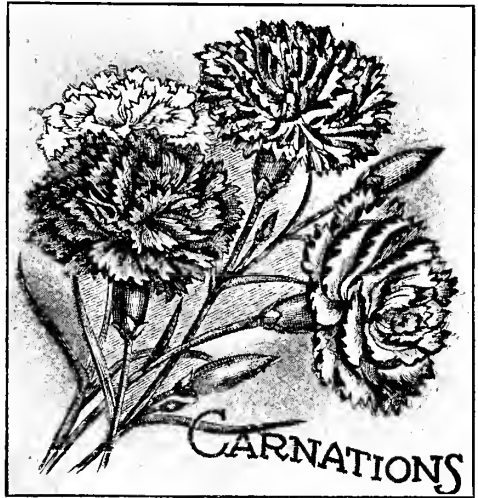
From Seed; blooming the first season. H. H. P. Dahlia Bulbs, pages 85 and 86.

935. Double Mixed. Large flowering. Pkt., 5c.

936. Superb Single. Mixed colors. Pkt., 5c.

937. Double Peony Flowered. Large flowers from seed. See illustration top of page 78 (a photograph). Pkt., 15c; 2 pkts., 25c.

See page 34 for "Wisconsin Standards"—the seeds that have made our success.



944½. Golden Orange DAISY. A new annual for the summer garden. Large, bright rich, golden-orange colored flowers. Pkt., 5c.



PAEONY FLOWERED DAHLIA

Genuine Pipe or Calabash Gourd (1997). A rapid growing vine, producing fruits which are used in the manufacture of calabash pipes. This gourd comes true to name. Pkt., 5c; ½ oz., 15c. Other useful gourds—page 53.

"Received 20 pkts. of seed and I am more than pleased with the amount of seed they contain. Almost enough for a big garden." Mrs. Wm. Marth, Alda, Neb., Apl. 11, 1914.



New White Bush DOLICHOS. Pkt., 10c.

DOUBLE DAISIES.

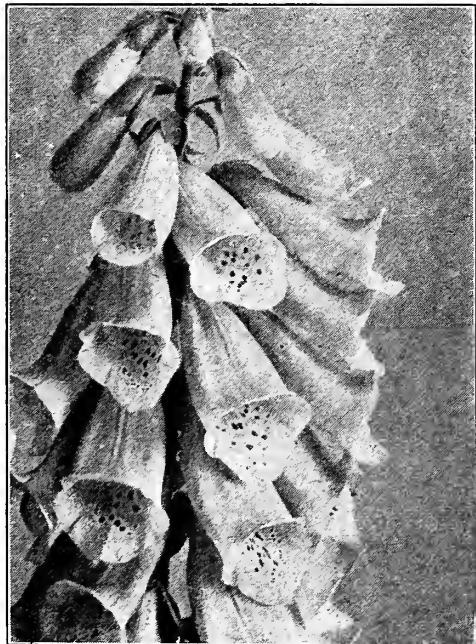
One of the most charming early spring flowers, very easily raised from seed. H. H. P.

- 940. Fine Mixed. All colors. Pkt., 5c.
- 941. New Snowball. Very large and double. Pkt., 5c.
- 942. The Bride. Pure white. Pkt., 15c; 2 pkts., 25c.
- 943. Delicata. White, tinged with rose. 10c; 2 pkts., 15c.
- 944. Shasta. A new sort, with very large, graceful flowers. Pkt., 10c; 2 pkts., 15c.
- 944½. Golden Orange Daisy. Page 77. Pkt., 5c.
- DATURA.** Showy trumpet-shaped flowers. H. A.
- 945. Cornucopia (Horn of Plenty). Pkt., 5c.

DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. H. B.

- 950. Double Chinese. Extra choice. 5c.
- 951. Single Chinese. Extra fine. Pkt., 5c.
- 952. Imperialis fl. pl. Mixed colors. 5c.
- 953. Little Gem. With carmine eye. 5c.
- 954. Purity. Pure white. Pkt., 15c; 2 pkts., 25c.
- 955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 10c; 2 pkts., 15c.
- 956. New Japanese Pink. A new variety producing very large flowers; laced and fringed and of many distinct colors. Pkt., 5c.



Gloxiniaeflora Digitalis. Pkt., 5c.

DIGITALIS (Foxglove). A very handsome ornamental plant, succeeding under almost all conditions. H. P.

958. **Gloxiniaeflora Mixed.** All colors. See illustration at bottom of page. Pkt., 5c.

DOLICHOS (Hyacinth Bean). A rapid growing climber; pea-shaped blossoms.

960. Mixed. Very striking. Pkt., 5c.

964. New White Bush. See above. Pkt., 10c.

EVERLASTING FLOWERS. Beautiful flowers of a great variety of color. H. A.

965. **Helichrysum.** Very fine. Pkt., 5c.

FORGET-ME-NOT (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.

970. Mixed. Many colors. Pkt., 5c.

FOUR O'CLOCK (Marvel of Peru). H. A.

975. Fine Mixed. Pkt., 5c.

FUCHSIA (from seed). A well-known plant.

980. Double Mixed. Pkt., 15c; 2 pkts., 25c.

GAILLARDIA (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.

985. Double Mixed. Round as a ball. Pkt., 5c.

GODETIA.

Constant bloomers, very attractive, and well adapted to any soil. H. A.

990. Finest Mixed. Sure to please. Pkt., 5c.

991. Sunset. Rosy crimson. Pkt., 10c; 2 pkts., 15c.

992. Crimson Glow. Bright crimson. Pkt., 10c; 2 pkts., 15c.

GOURDS.

Ornamental. Also useful as well as ornamental. T. A. See page 53 for other useful sorts.

995. Mixed. Many sorts. Pkt., 5c.

996. Chinese Bottle. Useful as well as ornamental. Pkt., 5c; ½ oz., 15c.

997. Genuine Pipe. Comes true to name. See above. Pkt., 5c; ½ oz., 15c.

HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

1000. Choice Mixed. Pkt., over 500 seeds, 10c; 2 pkts., 15c.

HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer. H. P.

1005. Double Mixed. Producing the largest and finest double flowers. Pkt., 5c.

HUMULUS (Japanese Hop). A rapid growing climber, with luxuriant foliage. H. A.

1010. Japonicus. Withstands heat, drought and insects. Pkt., of over 50 seeds, 5c.

LARKSPUR. Tall Rocket. One of the best known of our garden flowers. H. A.

1015. Fine Mixed. Best varieties, 5c.

LATHRYUS (Everlasting Peas). Very attractive and effective.

1020. Litifolius Mixed. Pkt., 5c.

LOBELIA (Cardinal Flower). For edgings.

1025. Mixed. Dwarf varieties. 5c.

MARIGOLD. Very effective for beds or borders, of easy culture. H. H. A.

1030. Mixed. Dwarf French. Pkt., 5c.

MIGNONETTE.

A great favorite; sweet and fragrant. H. A.

1035. Pure Machet. An extra fine strain. Dwarf and compact. Pkt., 5c.

1036. Yellow Prince. Large canary-yellow flowers; dwarf and compact. Pkt., 5c.

1037. White Pearl. This is a new variety; white-flowered machet. Pkt., 10c; 2 pkts., 15c.

ROSES AND OTHER CHOICE PLANTS. Catalogue free on request—See page 33.

MORNING GLORIES.

The Finest Annual Climbers in Existence. We take delight in our Morning Glories.

1045. Imperial Japanese. Wonders of nature. Pkt., 5c; oz., 20c; ¼ lb., 60c.

1046. Dwarf Mixed. Pkt., 3c; oz., 20c.

NASTURTIUMS.

Dwarf or Tom Thumb Varieties are unrivaled in beauty. They bloom profusely and are well adapted to poor soil.

1050. Dwarf Mixed. All choice colors. Pkt., 5c; oz., 10c; ¼ lb., 15c.

1051. Empress of India. Deep crimson, dark leaved. Pkt., 5c; oz., 10c.

1052. Ladybird. Golden yellow, barred with crimson. Pkt., 5c; oz., 10c.

1053. Chameleon. Dwarf French, variegated colors. Pkt., 5c; oz., 10c.

1054. Dwarf Fireball. A new distinct variety, with deep orange-scarlet flowers. Pkt., 5c; oz., 25c.

1054½. Dwarf Beauty. Compact plants; bright scarlet flowers; well above the foliage. Pkt., 5c; oz., 15c.

1055. Queen of Tom Thumbs. Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt. (½ oz.), 10c; 2 pkts., 15c.

1056. Dwarf Silver Queen. See below.

TALL NASTURTIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, and no flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 10c; ¼ lb., 15c.

1061. Scarlet Beauty. Variegated-leaved. 5c; oz., 10c.

1062. Crimson Beauty. Variegated-leaved. 5c; oz., 10c.

1063. Ivy Leaved. A new, distinct variety; ivy shaped leaves. Pkt., 5c; oz., 10c.

**CLIMBING NASTURTIUMS.**

Flowers are borne in great profusion.

1065. Lobbs' Mixed. Pkt., 5c; oz., 10c; ¼ lb., 15c.

1066. Madam Gunther's Hybrids. A new sort, very choice. Pkt., 5c; oz., 10c.

One-quarter pound of any Nasturtium at three and one-half times cost of one ounce, when not otherwise mentioned 1 lb., 3½ times cost of ¼ lb. See our market gardeners' net price list (free on request), for larger quantities.

A NEW NASTURTIUM.

1056. Dwarf Silver Queen. A new variety sure to please and one that will be a great favorite when better known. The plants are dwarf and compact. The foliage is silver variegated (illustrated opposite) and gives a very pleasing effect; cream colored flowers, lightly flaked or splashed with scarlet. Pkt., 15c; 2 pkts., 25c.

THIS CATALOGUE is mailed without request to all who have ordered in the last three years. Please notify us of any change of address.

W. H. Todd, of Ontario, Can., says: "I have bought seed of you for several years and have always got good seed and a square deal."

Mrs. Lilla Ryan, of Sharon Farm, writes: "I received the plants you sent me in good condition and I certainly appreciate the care you have taken with them."

Earl G. Selner, Mishawaka, Ind., says: "We have tested your seeds and find them more than expected. Please send me your catalogue of Roses and other choice plants."

See page 33 for our book on Roses and other choice plants, also a 175 page illustrated book on Home "Floriculture."

**MOONFLOWER (Ipomoea Noctiflora).**

1040. White Seeded. Pkt., 10c; 2 pkts., 15c.

1041. White. Ivy Leaved. Pure white. 5c.

1042. Pink. Ivy Leaved. Rosy pink. Pkt., 15c; 2 pkts., 25c.

NICOTIANA. Bushy plants laden with bright red flowers; of easy culture.

1070. Sanderae. Hardy Annual. Pkt., 5c.

PANSIES. Giant Prize and other choice varieties, with illustrations—page 80.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. P.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.

1101. Fine Mixed. Large flowers of the finest colors mixed. Pkt., 15c; 2 pkts., 25c.

1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.

1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 10c; 2 pkts., 15c.

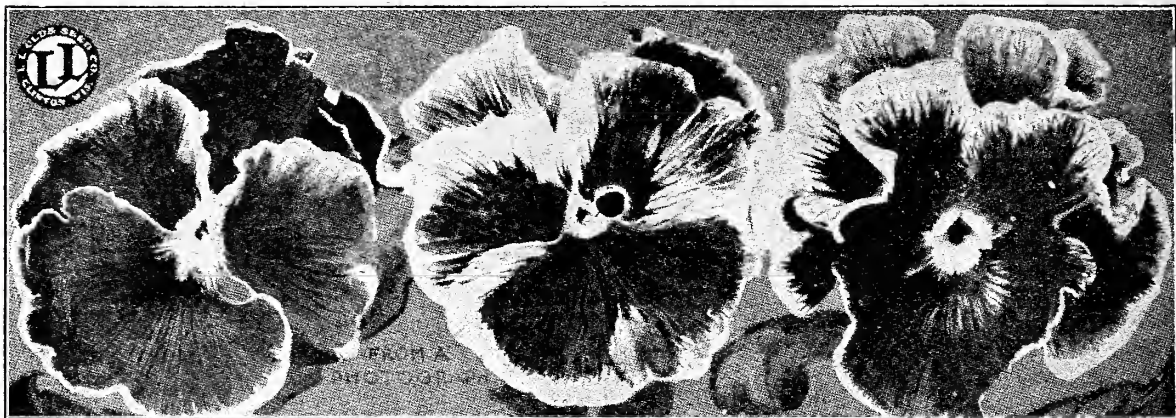
1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 25c.

1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 10c; 2 pkts., 15c.

We are introducing this year a new Picnic Pepper—page 67. Order anything from this catalogue amounting to \$1.00 or more and we will give, free on request, a sample packet.

30 to 45 per cent cash discount on flower seeds, by the packet.—See page 75.





OLDS' GIANT PRIZE AND OTHER PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.

1075. OLDS' GIANT PRIZE MIXED. This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration above, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1076. INTERNATIONAL MIXED. A very fine mixture of pansy seed, gathered from all nations; saved from named exhibition flowers. The usual price of this mixture is 25 cents per packet. Pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

1077. OLDS' LARGE FLOWERING. A superb mixture, producing large flowers, of a great variety of charming colors—the best German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

1078. OLDS' ROYAL MIXED. A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkts., 10c; 2 pkts., 15c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

1079. GIANT TRIMARDEAU MIXED. Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 5c.

1080. MASTERPIECE. A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 15c; 2 pkts., 25c.

1081. HERCULES GIANT. An abundant bloomer, with no small flowers; petals very large and rich in coloring and markings. Pkt., 25c; 2 pkts., 40c.

1082. MATCHLESS. A new variety; perfectly formed flowers, with a matchless variety of art color shades, which must be seen to be fully appreciated. Pkt., 25c; 2 pkts., 40c.

1083. PRINCESS. A new distinct variety. The stalks are firm, strong and upright; flowers freely. Pkt., 15c.

BEDDING PANSIES.

Named sorts. Any 3 packets for 10 cents.

1085. SNOW QUEEN. Pure white, center slightly tinged with yellow. Pkt., 5c.

1086. FAUST. King of the blacks. Pkt., 5c.

1087. GOLDEN GEM. Golden yellow, without black center. Pkt. 5c.

1088. SUNSHINE. Striped and mottled. Pkt., 5 cents.

One pkt. each, and 1 pkt. Royal Mixed, amounting to 30c, for 25c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance. Any 2 pkts., 15c.

1090. PRESIDENT MCKINLEY. Very effective. Black, bordered with yellow. Pkt., 10c; 2 pkts., 15c.

1091. GIANT PURE WHITE. Large, pure white flowers, without blotches. Pkt., 10c; 2 pkts., 15c.

1092. BLACK PRINCE. Giant jet black flowers. Pkt., 10c; 2 pkts., 15c.

1093. GOLDEN QUEEN. Large, pure golden yellow, shaded with canary. Pkt., 10c; 2 pkts., 15c.

PHLOX DRUMMONDII.

1110. OLDS' FINEST MIXED. Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt., 10c; 2 pkts., 15c.

1111. Grandiflora Mixed. Large-flowering mixed varieties. Pkt. 5c.

1112. Drummondii Fine Mixed. Pkt., 5c.

1113. New Dwarf Cicely. Large red and purple flowers, with a distinct white eye. Pkt., 10c; 2 pkts., 15c.

1114. Starred and Fringed. A distinct variety; star-like flowers. Pkt., 5c.

1115. Grandiflora Alba. Large, pure white flowers; fine for borders. Pkt., 5c.

1116. New Yellow. Flowers extra large; of a rich straw yellow. Pkt., 10c; 2 pkts., 15c.

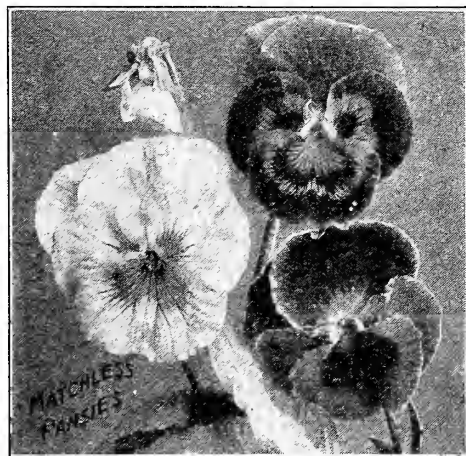
1117. Snowball. Flowers pure white; resembling snowballs. Pkt., 10c; 2 pkts., 15c.

1118. Double Mixed. Fine for cutting, lasting better than the single sorts. Pkt., 5c.

A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.

ROSES AND OTHER CHOICE PLANTS. Catalogue free on request—See page 33.



OLDS' FINEST MIXED PHLOX



R. Crawford, Dublin, Miss., July 13th, 1914,
says: "I am so well pleased with my seeds,
I don't know how to thank you. My wife near
had a fit when I first gave her the package."



POPPIES.

Great favorites with everybody—old-fashioned but very showy; greatly improved varieties. See illustration above.

1120. Olds' Finest Mixed. Very large flowers, of good form and substance. Pkt., 5c.

1121. Improved Carnation. Double mixed. A splendid mixture. Pkt., 5c.

1122. Reselected Shirley. Compact. Pkt., 5c.

1123. White Swan. Double white; very effective and desirable. Pkt., 5c.

1124. Double Yellow. A new color. Pkt., 5c.

1125. Santa Rosa. A new poppy. Pkt., 5c.

1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet around the top. Pkt., 5c.

1127. Marion. The Carnation—Flowered Poppy. Pkt., 5c.

1128. Iceland Mixed. Beautiful and fragrant; excellent for vases. Pkt., 5c.

1129. Black Prince. A choice new single variety; brilliant brown in color. Pkt., 5c.

1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 5c.

PORTULACA. Unrivalled for beauty. H. A.

1130. Double Flowering. A fine assortment of choice double flowers. Pkt., 10c; 2 pkts., 15c.

1131. Single Mixed. All colors. Pkt., 5c.

PLATYCODON. Easily raised from seed. H. P.

1133. Japonicus. Fl. Pl. The Japanese Bell Flower. Pkt., 15c; 2 pkts., 25c.

PRIMULA.

(Chinese Primrose).

Easily grown from seed. Sow early and transplant.

1135. Large Flowering. Mixed. Pkt., 15c; 2 pkts., 25c.

1137. Giant Pink. Best pink. Pkt., 25c.

1138. Giant White. Best white. See illustration above. Pkt., 20c.

1139. Obconia. Grandiflora mixed. Pkt., 10c; 2 pkts., 15c.

RICINUS. (Caster Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

1140. Mixed. 6 to 15 ft. high. Pkt., 5c.

SALPIGLOSSIS (Velvet Flower). A great favorite. A continual bloomer. H. H. A.

1145. Fine Mixed. Very ornamental. Pkt., 5c.

SALVIA SPLENDENS.

Flowering Sage. A very popular, H. H. P.

1150. Scarlet Sage. Brilliant flowers. Pkt., 5c.

1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 10c; 2 pkts., 15c.

1152. Patens. Bright blue flowers. Pkt., 15c; 2 pkts., 25c.

1153. Bonfire. The most effective and gorgeous plant in cultivation—see illustration above. Pkt., 10c; 2 pkts., 15c.

SCABIOSA (Mourning Bride). Splendid border plants. H. A.

1155. Double Mixed. Large flowering. Pkt., 5c.

1156. Snowball. Best double white. Pkt., 5c.

1157. Golden Yellow. A desirable color. Pkt., 5c.

SCHIZANTHUS (Butterfly Flower). H. A.

1160. Mixed. Very picturesque. Illustrated opposite. Pkt., 5c.

SMILAX. The finest thing out. T. A.

1165. Fine for hanging baskets. Pkt., 5c.

STOCKS.

Large Flowering, Ten Weeks. Prized for their fine display of color. H. H. A.

1170. Finest Mixed. Choice colors. Pkt., 5c.

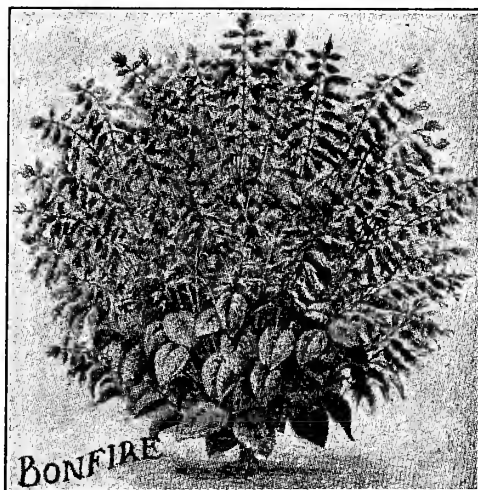
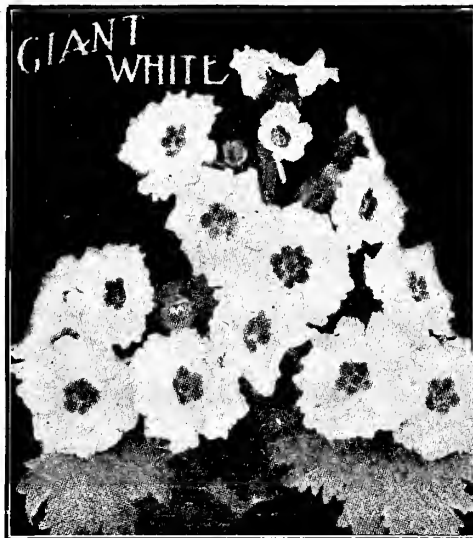
1171. White Princess. Best white. Pkt., 10c; 2 pkts., 15c.

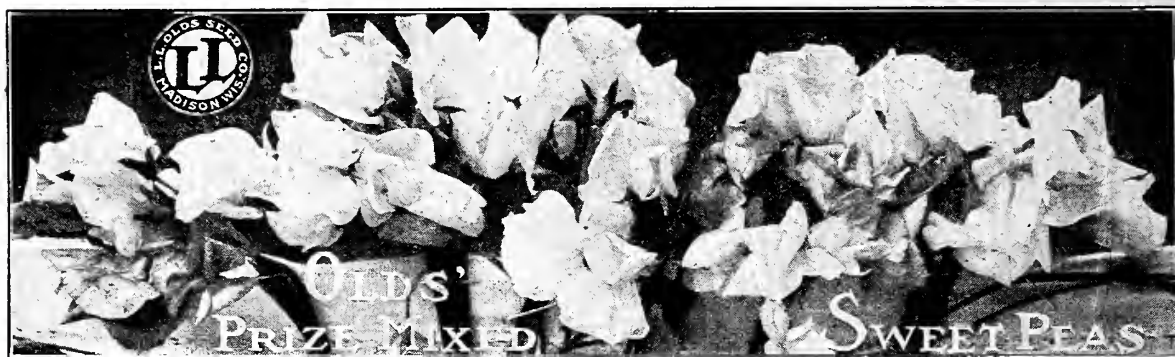
1172. Primrose. Best large primrose. Pkt., 15c; 2 pkts., 25c.

STOKESIA (Corn Flower Aster).

1175. Cyanea. For borders. Pkt., 10c; 2 pkts., 15c.

See next page, for Sweet Peas. Page 83, for balance Flower Seed list.



**OLD'S PRIZE MIXED.**

1200. This mixture is from the best, newest, largest-flowering sorts.—Giants of California,—and is unsurpassed. The seed has been carefully grown from selected stocks. It includes also Eckford's latest introductions. There are no better colors offered in any collection. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

EARLIEST OF ALL.

1201. This pink and white sweet pea blooms 10 days in advance of any other; highly prized by florists. Pkt., 5c; oz., 10c; ¼ lb., 30c.

ECKFORD'S MIXED.

1202. This strain contains a fine assortment of Eckford's varieties. Pkt., 5c; oz., 10c; ¼ lb., 25 cents.

SPENCER VARIETIES.

SPENCER TYPE MIXED (1203). This mixture is made up of the best, newest and largest flowering, Spencer varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

WHITE SPENCER (1205). Large pure white flowers, of the Countess Spencer type; the flowers are of good substance and keep well after being cut. Pkt., 5c; oz., 15c; ¼ lb., 45c.

PRIMROSE SPENCER (1212). Large primrose-colored flowers, a fitting companion to White Spencer; flowers well placed on long thick stems. Pkt., 5c; oz., 15c; ¼ lb., 55c.

MRS. ROUTZAHN (1217½). Cream with a decided rose edge. Pkt., 10c; oz., 20c; ¼ lb., 60c.

AURORA (1218½). Orange rose striped on white ground. Pkt., 5c; oz., 15c; ¼ lb., 50c.

QUEEN VICTORIA (1219½). A very fine soft yellow. Pkt., 5c; oz., 15c; ¼ lb., 50c.

APPLE BLOSSOM (1225½). Crimson pink and white shaded. Pkt., 10c; oz., 20c; ¼ lb., 60c.

COUNTESS SPENCER (1234½). Bright, clear pink; large blossoms. Pkt., 5c; oz., 15c.

KING EDWARD VII (1238½). The best dark rich red. Pkt., 5c; oz., 15c; ¼ lb., 40c.

LATER INTRODUCTIONS OF ECKFORD AND OTHERS.

The following list contains the best named varieties, selected from those of recent introduction.

Except where otherwise noted. Pkt., 5c; oz., 10c; ¼ lb., 25c.

PURE WHITE.

- One packet each, 25 cents.
1206. Blanche Burpee.
1207. Emily Henderson.
1208. Sadie Burpee.
1209. Dorothy Eckford.
1210. White Wonder.
1211. Nora Unwin.

LIGHT SHADES.

1213. Dainty.
1214. Modesty.
1214½. Lady Mary Currie.
1215. Evelyn Byatt.
1215½. Mrs. Eckford.
1216. Golden Rose.
1216½. Aurora.
1217. Mrs. Jos. Chamberlain.
1218. Senator.
1219. Stella Morse.
1220. Countess of Radnor.

LAVENDER and LIGHT BLUE.

- 1220½. Lottie Eckford.
1221. Helen Pierce.
1222. Dorothy Tennant.
1223. Frank Dolby.
1224. Lady Grisel Hamilton.
1224½. New Countess.

SHADES OF PINK.

1225. Apple Blossom.
1226. Janet Scott.
1227. Blanche Ferry.
1228. Gladys Unwin.
1229. Mrs. Alfred Watkins.
1230. Katherine Tracy.
1231. Blanche Ferry Ex. Early.
1232. Lovely.
1233. Prima Donna.
1234. Triumph.

SHADES OF RED.

1235. Her Majesty.
1236. E. J. Castle.
1237. Mars.
1238. Salopian.
1239. King Edward VII.
1239½. America.

BLUE AND PURPLE.

1240. Captain of the Blues.
1241. Navy Blue.
1242. Countess of Cadogan.
1243. Emily Eckford.
1244. Horace Wright.
1244½. Unique.

DARK SHADES.

1245. Black Knight.
1246. Shahzada.
1247. Black Michael.
1248. Othello.
1249. Stanley.

DWARF OR CUPIDS.

- Pkt., 5c; oz., 10c; ¼ lb., 25c.
1250. White. The first dwarf sweet pea.
1251. Pink. Very dwarf, with large flowers.
1252. Beauty. Delicate rose color.
1253. Firefly. Dazzling scarlet.
1254. America. Crimson scarlet with white.
1255. Apple Blossom. Standard crimson pink.
1257. Royalty. Deep rosy pink.
1260. Mixed. Above and other Cupids.

BLOSSOM MIXED (1261). Lady Blushes. This new mixture is a selection of the best pink shades. Pkt., 5c; oz., 10c; ¼ lb., 25c.

SMART MIXED (1262). Red, white and blue. The best red, white and true blue varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c.

WALLACE MIXED (1263). A mixture of the newer, largest-flowering varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c.

BEST PURE WHITES (1264) MIXED. Blanche Burpee, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

LIGHT SHADES (1265) MIXED. Dainty, Modesty, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

LAVENDER AND LIGHT BLUE (1266) MIXED. Lottie Eckford, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

SHADES OF PINK (1267) MIXED. Apple Blossom, Janet Scott, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

SHADES OF RED (1268) MIXED. Her Majesty, Mars, Salopian, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

BLUE AND PURPLE (1269) MIXED. Captain of the Blues, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

DARK SHADES (1270) MIXED. Black Knight, Shahzada, etc. Pkt., 5c; oz., 10c; ¼ lb., 30c.

WINTER-FLOWERING SWEET PEAS.

1204. Extreme Early Varieties. This mixture contains the earliest varieties and will be found useful to florists and others for forcing under glass. These early varieties will produce Sweet Peas even in the open ground three weeks ahead of the Spencer and Grandiflora sorts. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

OLD'S CHOICE MIXED FLOWER SEED. 1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. All children are fond of flowers and this mixture contains seed suitable for a child's garden. Pkt., (¼ oz.), 5c.

SUNFLOWER. Desirable for any location.

1180. Chrysanthemum Flowered. Bright golden yellow, double flowers. Pkt., 5c; oz., 20c.

1181. Double Globe. Double flowers. Pkt., 5c.

1182. Miniature. Bright and showy. Pkt., 5c.

1183. Double Star Shaped. Pkt., 5c.

SWEET WILLIAM. Fine for borders. H. P.

1300. Single Mixed. Perfect flowers, 5c.

1301. Scarlet Beauty. Deep scarlet, 10c; 2 pkts., 15c.

VERBENAS. Free-flowering, hardy annuals of low, spreading growth; great favorites.

1305. Olds' Finest Mixed. Largest flowers and the choicest colors. Pkt., 10c; 2 pkts., 15c.

1306. Mammoth Mixed. Large-flowering. Pkt., 5c.

1307. Fine Mixed. All fine shades. Pkt., 5c.

1310. Mammoth White. Very choice. Pkt., 5c.

1311. Defiance. Bright scarlet. Pkt., 10c; 2 pkts., 15c.

1312. Italian Striped. Very showy. Pkt., 5c.

WALLFLOWER. Fine for cutting. H. H. P.

1315. Single Mixed. Pkt., 5c.

1316. Golden Glory. Rich Gold. Pkt., 5c.

WILD CUCUMBER. 1320. Pkt., 5c.

ZINNIAS. Large free-flowering plants; always popular, fine for borders. H. H. A.

1325. Superb Double Mixed. Pkt., 5c.

1326. Dwarf Snowball. Pure white. Illustrated below. Pkt., 5c.

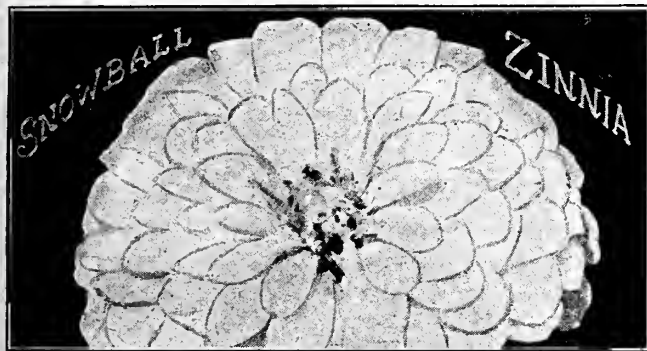
1327. Dwarf Fireball. Bright scarlet. Pkt., 5c.

1328. Curled and Crested. Pkt., 5c.

1329. Fire King. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.

OLD'S CHOICE MIXED. 1350. See page 82.

spreading

**MIXED ANNUALS.**

Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily raised from seed the first season, should order some of our Mixed Annuals. Pkt. (¼ oz.), 10c; oz., 35c.

OLD-FASHIONED GARDEN MIXTURE.

For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt., (¼ oz.), 5c.

■ We know our Flower Seeds will give satisfaction and in addition to the Cash Discounts mentioned on page 33, we will, providing the order amounts to 25 cents, or more, give free, on request, a full sized packet of Old Fashioned Garden Mixture.

MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who wish such a bed should order one of our large-sized (¼ oz.) packets of Mixed Perennials. Pkt., 10c; 2 pkts., 15c; oz., 25c.

No. 1. ANNUAL COLLECTION.

49c Worth for 15c.

This Flower Seed Collection is a great favorite—it contains 10 popular Annuals; fresh seeds. One packet each—10 packets in all for 15 cts.: Aster 802, Balsam 860, Pink 952, Pansy 1078, Petunia 1102, Phlox 1112, Verbena 1307, Sweet Peas 1202, Mignonette (Sweet) 1035, and Sweet Alyssum 830.

■ Don't miss Our New Sweet Peas—4 flowers to a stem. (See page 82.)

No. 2. GEM COLLECTION.

93c Worth for 25c.

This Collection is hard to beat—it includes some of our best varieties. One packet each—12 pkts. in all—for 25 cts.; Aster 806, Carnation (Marguerite) 900, Alyssum (Little Gem) 831, Mignonette 1035, Morning Glory (Japanese) 1045, Nasturtium 1050, Pansy 1077, Petunia 1101, Phlox 1111, Poppy 1121, Sweet Peas 1200, and Verbena 1306.

VEGETABLE PLANTS AND ROOTS.

We have added vegetable plants to our list and can supply the following varieties in their proper season.

ASPARAGUS ROOTS. Strong, well developed two-year-old roots. See page 36.

CABBAGE PLANTS. For April and May delivery. Select Early Jersey Wakefield, Allhead Early, Early Spring.

Doz., 12c; 2 doz., 20c; 50, 35c. Not postpaid: 2 doz. 18c; 50, 30c; 100, 50c.

CAULIFLOWER PLANTS. Transplanted from hotbed; ready in April and May. Improved Early Snowball,

Dry Weather. ½ doz., 15c; doz., 25c; 2 doz., 45c. Not postpaid: Doz., 20c; 2 doz., 35c; 50, 60c.

CELERY PLANTS. Selected transplanted stock grown from our own seed; ready in July. White Plume; the earliest variety; Golden Self-Blanching, the best for all purposes; Winter Queen, the best variety for winter use.

Doz., 15c; 2 doz., 25c; 50, 45c. Not postpaid: 2 doz., 20c; 50, 35c; 100, 60c.

EGG PLANTS. Grown in pots; ready in May and June. Black Beauty, the best early variety; New York Improved, large, smooth and spineless. ½ doz., 45c; doz., 75c; 2 doz. \$1.25. Not postpaid: Doz., 60c; 2 doz., \$1.00.

HORSE RADISH. Good clean sets. Doz., 10c; 2 doz., 15c; 100 for 60c. Not postpaid: 100 for 40c.

PEPPER PLANTS. Transplanted from hotbed; ready in May and June. Bell, or Bull Nose, the best known; Ruby King, the most popular red; Long Red Cayenne, hot and pungent. ½ doz., 15c; doz., 20c; 2 doz., 35c. Not postpaid: Doz., 18c; 2 doz., 30c; 50, 50c.

RHUBARB ROOTS. Good strong roots. 10c each; 3 for 25c; ½ doz., 45c; doz., 85c. Not postpaid: ½ doz., 40c; doz., 75c; 2 doz., \$1.25.

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Spark's Earliana, very early; Success, second early; Matchless, fine tomatoes the entire season; Enormous, very large and smooth; Small Fruited Varieties, mixed. ½ doz., 15c; doz., 25c; 2 doz., 45c. Not postpaid: Doz., 20c; 2 doz., 35c; 50, 60c; 100, \$1.00.

■ If you order flower seed from this catalogue, no matter whether the order is large or small, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed. See page 82.

SUMMER FLOWERING BULBS

Planted in spring will bloom all summer. There is no reason why every one should not plant a few Gladiolus and Dahlia Bulbs. They are as easily raised as potatoes, and when once given a trial will not be dispensed with.



OLDS' GLADIOLI.



The Gladiolus ranks first among all summer flowering bulbs. The tall stately red, yellow and white flower spikes are very magnificent. They are easily grown and inexpensive.

SELECT MIXTURE. Mostly light. First size, 6 for 20c; 12 for 35c. Not postpaid: 12 for 25c; 100, \$1.75.

STANDARD MIXTURE. First size, 6 for 15c; 12 for 25c. Not postpaid: 12 for 20c; 100, \$1.00; second size 6 for 10c; 12 for 15c.

AMERICA. One of the finest for cutting or bedding; color a beautiful soft flesh pink; perfect in growth and habit. First size bulbs, 5c each; 6 for 25c; 12 for 45c. Not postpaid: Doz., 40c.

AUGUSTA. A lovely pure white variety. Strong, straight spikes often having two and three branches. First size bulbs, 5c each; doz., 50c. Not postpaid: Doz., 45c.

MAY. A good forcing variety. Spikes, with pure white flowers. flaked with bright crimson. Price the same as for America.

CARDINAL. Large handsome spikes, with clear intense scarlet flowers, very showy. First size bulbs, 15c each; 3 for 40c; doz., \$1.50. Not postpaid: Doz., \$1.45.

BRILLIANT. Scarlet and carmine with white throat; extra large flowers. First size, 6c each; 3 for 17c; doz., 65c. Not postpaid: Doz., 55c.

SULPHUR KING. One of the best and clearest yellows yet introduced; fine large spikes. First size bulbs, 15c each; 2 for 28c; ½ doz., 80c. Not postpaid: Doz., \$1.50.

BARON HULOT. The best blue gladiolus. When cut in combination with Sulphur King, above, it makes a very fine effect. First size bulbs, 6c each; 3 for 17c; doz., 65c. Not postpaid: Doz., 55c.

DEBORAH. Dark red; **SUNLIGHT.** Light crimson with canary yellow throat; **CANARY BIRD.** Clear canary yellow, and one of the finest in existence. First size bulbs, 8c each; doz., 70c. Not postpaid: Doz., 65c.

SPECIAL OFFER. One each of the above ten varieties for 70c; your choice, any 3 for 25c; any 6 for 45c. The selection must consist of two or more varieties.

PEACE. A grand new distinct white variety of more than special merit. The plant is very attractive; flowers are of good form and correctly placed on the stalk. Peace is not an early bloomer but is one of the best whites ever introduced. First size bulbs, 15c each; 2 for 25c; ½ doz., 75c. Not postpaid: Doz., \$1.35.

PRINCEPS. A very fine crimson-scarlet; flowers almost round, borne on spikes 4 ft. in height; 12 to 15 flowers to a spike. First size bulbs, 8c each; 3 for 22c; ½ doz. 45c. Not postpaid: Doz., 75c.

KUNDERDI GLORY. A new Gladiolus with ruffled petals. The large wide open flowers all face in the same direction—see illustration below. Price: 10c each; 3 for 25c; ½ doz., 45c. Not postpaid: Doz., 75c.

MRS. FRANCIS KING. The new giant pink; striking in appearance both in daylight and artificial light. First size bulbs, 5c each; ½ doz., 25c. Not postpaid: Doz., 35c.

CHICAGO WHITE. One of the earliest varieties to bloom; 5 to 7 flowers open at one time—almost pure white. Price: 7c each; 2 for 13c; ½ doz. 40c. Not postpaid: Doz., 65c.

ROCHESTER WHITE. The famous white Gladiolus—comes nearer being pure white than any variety we know of. Price: 25c each; 2 for 45c; ½ doz. \$1.30. Not postpaid: Doz., \$2.45.

NIAGARA. A new cream colored variety, resembling America, but the flowers are larger, measuring 4½ inches across—see illustration. The flower spike is very erect and stout; dark green foliage. Price: 12c each; 3 for 30c; ½ doz., 55c. Not postpaid: Doz., \$1.00.

REMEMBER we pay the parcel postage on Garden and Flower Seeds, Bulbs and Vegetable Plants, unless otherwise mentioned.



New Book

"THE GLADIOLUS"

Written by the well-known Gladiolus experts, Matthew Crawford and Dr. W. Van Fleet, this 120-page book contains many valuable chapters covering all phases of growing, propagating, storing, etc., together with some pages of helpful cultural notes gathered from other reliable sources. Price, \$1.25.



DAHLIAS IN THE FIELD



Nothing more showy than our large Double Dahlias. No garden is complete without them. They are very easily grown from bulbs, sure to succeed, and make a beautiful show. We have a choice mixture and a few new named varieties, the best recent introductions of select Decorative and Show Dahlias.

DOUBLE MIXED. Made up of a mixture of a number of choice named varieties. The colors range from deep maroon, crimson and scarlet through all shades of pink and yellow to pure white. Single tubers, 5c each; 6 for 30c; 12 for 50c. Undivided roots, not postpaid: 6c each; 6 for 40c; 12 for 75c.

RED HUSSAR. A pure cardinal red, large-flowering show Dahlia; flowers regularly formed on long, slender stems. Price: Single tubers, 6c each; 6 for 30c; 12 for 50c. Undivided roots, not postpaid: 8c each; 6 for 40c; 12 for 75c.

CATHERINE DUER. Most beautiful glowing scarlet or geranium red, with no markings. It is a recent novelty from Newport gardens. Flowers very large, 7 inches across, opening out flat with wide petals. Price: Single tubers, 8c each; 6 for 40c; 12 for 75c. Undivided roots, not postpaid: 12c each; 6 for 65c; 12 for \$1.25.

QUEEN OF YELLOWS. A pure yellow, large-flowering Show Dahlia. Early flowering and a strong, vigorous grower. Price, same as for Catherine Duer.

SYLVIA. A new decorative dahlia attracting much attention. Flowers 5 inches across, of fine form and full to the center, which is white, shading to soft pink at the rim. An early profuse bloomer, and a strong, healthy grower. Price, same as for Red Hussar.

MRS. ROOSEVELT. One of the largest and most popular of the new dahlias. Immense flowers, six to eight inches, of a light, delicate pink color. Perfectly double and very compact. Price: Single tubers, 20c each; 6 for \$1.10; 12 for \$2.00. Undivided roots, not postpaid: 25c each; 6 for \$1.25; 12 for \$2.25.

CUBAN GIANT. An immense ball of bright maroon; early and free flowering. Price, same as for Catherine Duer.

MRS. WINTERS. Pure waxy white. Flowers very large, 5 to 7 inches in diameter, with large broad petals. A strong grower and splendid decorative variety. Price, same as for Catherine Duer.

GOLIATH. Deep garnet red with long stem; **STORM KING.** Pure white, extra fine; **WM. AGNEW.** Rich dazzling red. Prices, same as for Catherine Duer.

SPECIAL OFFER. A single tuber each of the above ten varieties for 90c; your choice, any 3 for 30c; 6 for 50c. The selection must consist of two or more varieties.

NEW DAHLIAS.

A. D. LIVONI. A splendid clear soft pink, beautifully quilled—see illustration opposite; of perfect form and very free flowering. Single tubers 6c each; 6 for 30c; 12 for 55c. Undivided roots not postpaid: 8c each; 6 for 40c; 12 for 75c.

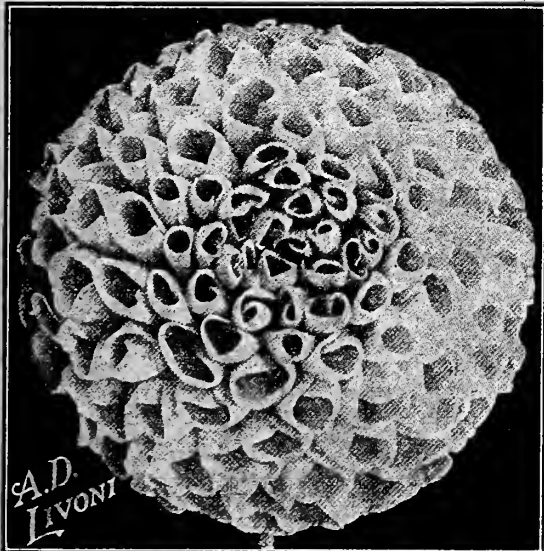
WOODROW WILSON. Bright red; free flowering and most desirable for cut flowers. Price: Single tubers, 10c each; 6 for 55c; 12 for \$1.00. Undivided roots, not postpaid: 15c each; 6 for 85c; 12 for \$1.60.

GIANT PURE WHITE (Dreer's). Claimed to be the best pure white Dahlia ever introduced. It is much admired and where shown has in most cases been awarded the first prize as the finest white show variety. Price: Single tubers, 25c each; 6 for \$1.25; 12 for \$2.25. Undivided roots, not postpaid: 30c each; 6 for \$2.00; 12 for \$3.50.

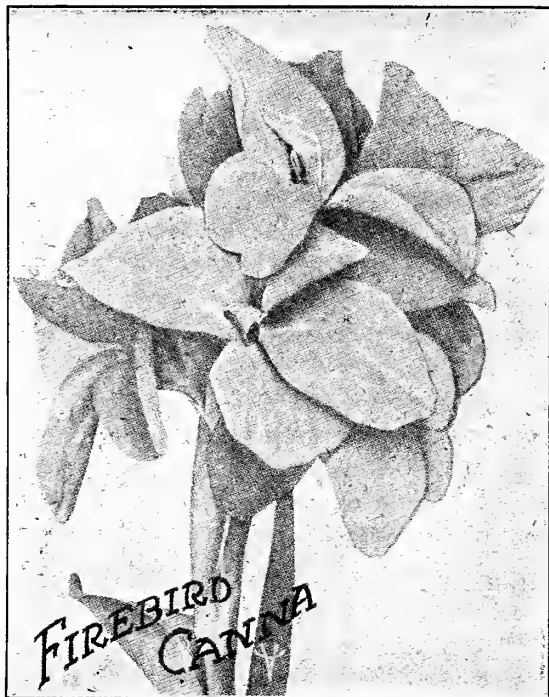
PRINCESS VICTORIA. The finest pure yellow dahlia in existence. Clear, pure canary yellow. Perfect form on long, slender stems. It is very early and a profuse bloomer. Price: Single tubers, 8c each; 6 for 45c; 12 for 85c. Undivided roots, not postpaid: 10c each; 6 for 50c; 12 for 85c.

JOHN WANAMAKER. One of the largest, handsomest and finest dahlias of recent introduction. The color is a fashionable shade of rose lake, or rather orchid-pink. As the flower develops the color softens and must be seen to be appreciated. Price for 1915: Single tubers, \$1.50 each; 6 for \$8.50; 12 for \$16.00. Undivided roots, not postpaid, \$1.75 each; 6 for \$10.00; 12 for \$18.00.

Lavina Fugal, Pleasant Grove, Vt., Oct. 27th, 1914 writes: "The dahlia bulbs I received, from you, last spring did splendidly and the varieties were true to name. We have the most beautiful dahlias in town."



A. D.
LIVONI

**NEW DAHLIAS.**

See page 85 for the new dahlia, "John Wanamaker."

BELOIT. A beautiful variety, very effective on account of its large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double of splendid form and a rich purplish garnet in color. Single tubers 20c each; 6 for \$1.25; 12 for \$2.00. Undivided roots, not postpaid: 30c each; 6 for \$1.75; 12 for \$3.00.

DELICE. A beautiful soft rose pink, of recent introduction when cut it retains its freshness longer than any variety we know of, which makes it one of the most valuable for cutting. Single tubers, 8c each; 6 for 40c; 12 for \$1.75. Undivided roots, not postpaid: 12c each; 6 for 65c; 12 for \$1.25.

LE GRAND MANITOU. The first variegated decorative Dahlia ever introduced; flowers from 5 to 6 inches across, borne on long stiff stems. Single tubers 25c each; 6 for \$1.45. Undivided roots, not postpaid: 30c each, 6 for \$1.75; 12 for \$3.45.

PERLE DE LYON. The most valuable white decorative Dahlia yet introduced; certain to become a great favorite; flowers perfect in form, pure white in color and borne on long stems. Price, same as for Woodrow Wilson.

CANNAS.

FIREBIRD. See illustration opposite. Green foliage, flowers in immense trusses, on tall stems well above the leaves. They are of splendid form, round, and as near perfect as any flowers we have ever seen. The petals measure 2½ inches across, and the color is a clear glistening scarlet without any streaks, spots or blotches. In our trial grounds last summer these cannas stood way above all others and attracted marked attention from passersby. Single tubers, 65c each; 6 for \$2.25; 12 for \$4.00. Not postpaid: 35c each; 6 for \$3.75; 12 for \$7.00.

CHAS. HENDERSON. Bright crimson flowers. Single tubers, 6c each; 6 for 30c; 12 for 50c. Not postpaid: 5c each; 6 for 25c; 12 for 40c.

AUSTRIA. Large open, pure yellow flowers. Price same as for Chas. Henderson.

TUBEROSE.

The Sweetest Scented Flower that Grows. The Tuberose is one of the most charming of our summer flowering bulbs; blooming all summer if started in March.

EXCELSIOR DWARF PEARL. The largest-flowering variety. First size: 5c each; 6 for 25c; 12 for 40c. Not postpaid: 6 for 20c; 12 for 30c; 100 for \$2.00. Second size, 12 for 20c; 100 for \$1.50.

GLOXINIAS.

Charming flowers, varying from pure white to rose, crimson and violet. Best Mixed bulbs, 6c each; 6 for 35c; 12 for 60c. Not postpaid: 6 for 30c; 12 for 50c; 100 for \$3.50.

CINNAMON VINE.

The prettiest thing out. For full description see page 28 of plant catalogue—noted page 33. Good strong roots; 3 for 10c; doz., 30c. Not postpaid: 12 for 20c; 100, \$1.50.

EMERALD VINES.

An ornamental, useful and attractive climbing vine belonging to the same family as the cinnamon vine. The vines are of slender growth, but are very graceful and make a dense foliage. The foliage is a deep emerald green with a decided lustre. Price, good strong roots, 5c each; 6 for 25c; 12 for 40c. Not postpaid: 12 for 30c.

BEGONIAS.

Giant Tuberous-rooted. Very showy and brilliant.

Single: White, yellow, scarlet, pink, mixed, each, 5c; 6 for 25c; 12 for 45c. Not postpaid: 12 for 40c.

Double: White, yellow, scarlet, pink, mixed, each, 6c; 7 for 35c; 12 for 60c. Not postpaid: 12 for 50c.

SPECIAL BULB COLLECTION.

SUMMER FLOWERING BULBS. These bulbs will grow and bloom freely this season. They are fine varieties, in assorted colors. We offer the entire lot, 20 in all, worth 95c, by parcel post, for 60c.

3 Double Dahlias, assorted 30c
6 Gladioli, standard mixed 15c
3 Tuberoses, Dwarf Pearl 15c
4 Cinnamon Vines 12c
4 Begonias, 2 Single, 2 Double 23c
2 Collections for \$1.00. Not postpaid: 2 for 75c.

BABY RAMBLER ROSE. Just the rose for pot culture. It is identical in every way with the favorite Crimson Rambler, except that it is dwarf and bushy. It is a constant bloomer, grows 18 inches high, and the plant is almost hidden with roses. Strong plants, 15c each; 2 for 25c; 2-year-old plants, 35c each, postpaid.

BABY PRIMROSE. The first blooming plant we know of, blooming continuously throughout the entire season. 5c each. Two Baby Ramblers and 3 Baby Primroses for 35c, postpaid.

EVERGREEN TREES BY PARCEL POST.

Price: Put up in packages; each package \$1.00, any 6 for \$5.00.

Fine for Hedges, Windbreaks and Ornamental Lawn planting. These packages cannot be broken. Order the kind wanted by using the package number at left of each variety.

Complete planting instructions and cultural directions will be furnished with each order.

There is no better way of making your grounds beautiful, than to plant beautiful evergreens. In summer they are cooling and in winter they add color, warmth and cheerfulness. These varieties are hardy and will grow in any part of the country.

- 1.—100 Norway Spruce 3 yr. Seedlings \$1.00
- 2.—100 Scotch Pine 2 yr. Seedlings 1.00
- 3.—100 Douglas Fir 2 yr. Seedlings 1.00
- 4.— 50 Colo. Blue Spruce 2 yr. Seedlings 1.00
- 5.—100 White Pine 2 yr. Seedlings 1.00
- 6.— 50 Black Hill Spruce 3 yr. Seedlings 1.00

- 7.—100 Amer. Arbor Vitae 3 yr. Seedlings \$1.00
- 8.—100 Dwarf Mount. Pine 3 yr. Seedlings 1.00
- 9.—100 Jack Pine 2 yr. Seedlings 1.00
- 10.—100 Concolor Silver Fir 2 yr. Seedlings 1.00
- 11.—100 Ponderosa Pine 3 yr. Seedlings 1.00
- 12.—100 White Spruce 3 yr. Seedlings 1.00

You cannot afford to overlook these collections. Orders received now and filled during March, April and May—depending on locality.

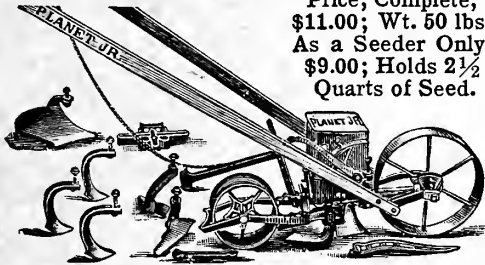
WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.

Planet Jr. Garden Tools

The New "Planet Jr." Catalogue is the hand-somest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

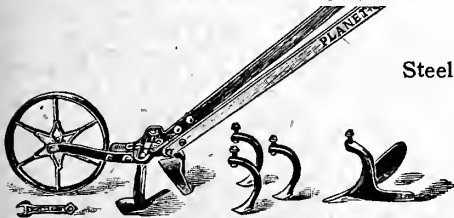
Price, Complete, \$11.00; Wt. 50 lbs.
As a Seeder Only, \$9.00; Holds $2\frac{1}{2}$ Quarts of Seed.



For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools, and a rapid change frame, with side extension for hoeing both sides of a row at one passage.

No. 17 Planet Jr. Single Wheel Hoe.

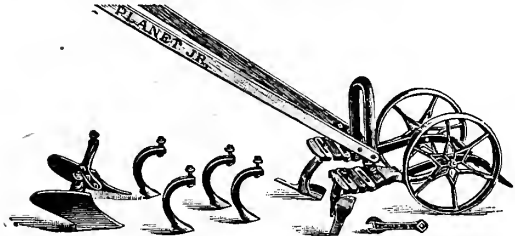
Price, \$5.00. Weight, 24 lbs.



You can do more and better hoeing with it in one day than you can in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 12 Double Wheel Hoe, Cultivator and Plow.

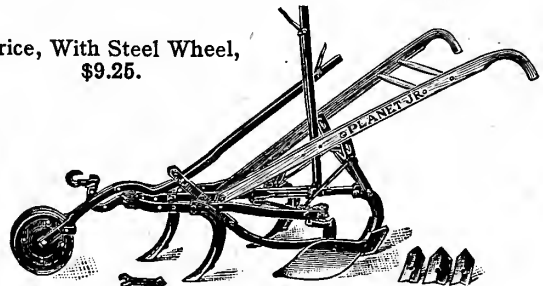
Price, \$7.00. Weight, 33 lbs.



This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator.

Price, With Steel Wheel, \$9.25.



You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

STANDARD GARDEN TOOLS.

The Standard tools are made in the west for western conditions and are giving the best of satisfaction. We recommend them to our customers. Prices reduced for this year. Complete Standard catalogue free.



No. 20 Cultivator. High 24 inch wheel.

Price, as shown, \$3.00.

With Three-Shovel Attachment, \$3.50.



No. 2 Spring Beam Cultivator.

A very satisfactory tool entirely under the operator's control. The arch clears the ground 15 inches and is adjustable in width from 7 to 11 inches.

Price, complete as shown, \$6.00.

Without Rakes, \$5.50.

Shovels and Hoes, only, \$4.75.



No. 9 Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator, Plow and Rake.

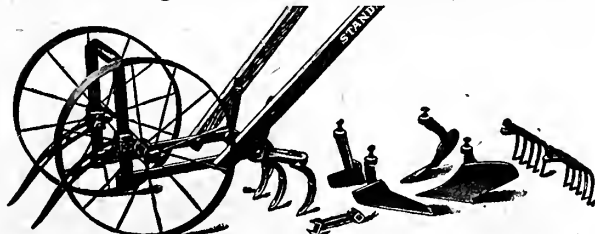
Sows in drills or in hills 4, 6, 8, 12 or 24 inches apart. Seeder attachment may be quickly removed and it may be easily changed from a single to a double wheel cultivator. Three practical tools in one.

No. 9. Complete, as shown, \$11.00.

No. 11. Seeder only, \$8.50.

No. 4. Double Wheel Hoe & Cultivator, \$6.50.

No. 22. Single Wheel Hoe & Cultivator, \$5.50.



No. 2 Spring Beam Cultivator.

PERFECTION GARDEN CULTIVATOR.

Perfection at last. This New Disc and Knife Weeder and Mulcher is the final evolution in hand Cultivators. It excels and supersedes all. In it is found the best characteristics of others simplified to the accommodation of the professional trucker or home gardener. A child can work it. It has no attachments and no encumbrances, is complete in itself. It does the weed killing, cultivating and mulching at one process. This is something that no other cultivator accomplishes. It is a perfect hand cultivator. The stiff wire leaf guards keep the tops of the plants away from the discs. Price, \$5.00.

BARKER WEEDER AND MULCHER.

Operates on the plan of a lawn mower. Better than a hoe. Ten times as fast and easy to operate. Forms a dust mulch. Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. It cuts the weeds under the ground as well as the weeds out of the ground. It pulverizes the ground fine, which holds the moisture to feed the plant.

6-Inch Cut, for lettuce, \$5.00.

8½-Inch Cut, for onions and ordinary crops, \$6.20.

11-Inch Cut, for beets and rutabagas, \$7.60.

(Prices include all attachments. Money back if not satisfied.)

Solid Steel Pruning Shears. Clauss' best. Price, \$1.00.

HUMPHREY'S CONCAVE POTATO KNIFE.

Largely used by practical potato growers. Cuts to one eye without injuring the vital tissues. Pieces never stick together.

Price, 30c; 3 for 75c, postpaid.

ACME CORN PLANTER.

Simple, durable and accurate. Price, plain, 65c; with Pumpkin Seed Attachment, 85c.

(Not available.)

ACME POTATO PLANTER.

The original hand potato planter.

Price, only 65c. With Self Locking Arrangement, 75c.

(Not available.)

**INVINCIBLE POTATO PLANTER.**

A great labor saver. Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, reduced, \$1.10; 3 for \$3.00.

(Not available.)

HANDY SEED CARRIER.

Made especially for the purpose, with iron hoop to keep the mouth open.

Price, 45c; 3 for \$1.15.

KNOX CORN HANGERS.

Best hanger made. Used by all up-to-date corn growers.

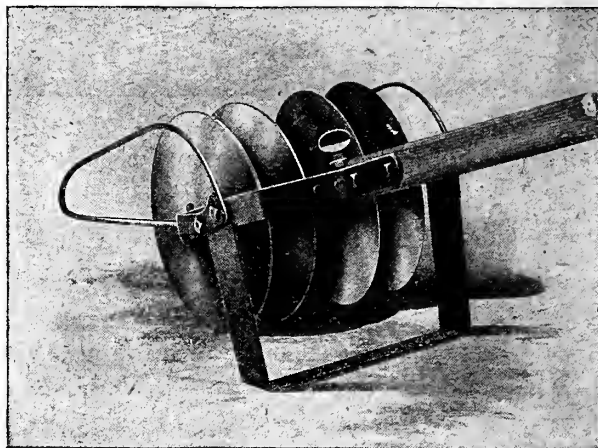
2-Row (holding 14 ears), \$1.00 per doz.; \$7.00 per 100.
4-Row (holding 24 ears), \$1.50 per doz.; \$10.50 per 100.
(Special catalog free.)

WATERPROOF PAPER FLOWER POTS.

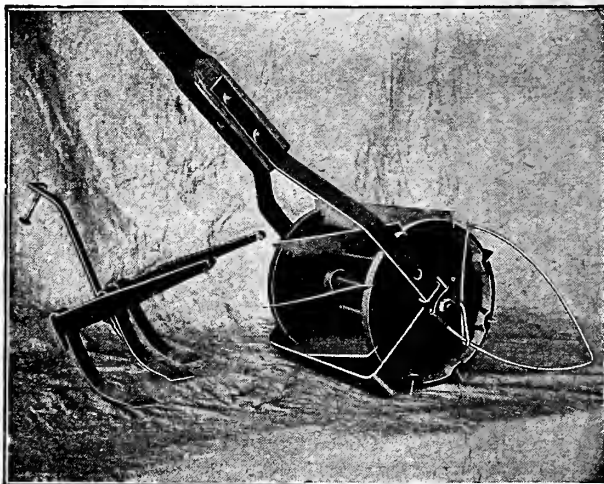
Made of strong waterproof paper; light, unbreakable and will not rot.



	By Mail.	By Exp. or Freight
2¼-inch	\$0.15 100	\$0.10 100 1000
2½-inch	.20 .50	.15 .40 3.50
3-inch	.25 .75	.20 .60 5.00
3½-inch	.30 .95	.25 .75 6.25
4-inch	.35 1.20	.30 .95 8.25
5-inch	.50 1.65	.40 1.30 12.00
6-inch	.85 2.35	.55 1.85 16.50



Perfection Garden Cultivator.



Barker Weeder and Mulcher.

CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains.

Price, \$1.50. By mail, \$1.75.

**MILLER SEED POTATO CUTTER.**

Simple, durable and accurate and sold at a low price. Will cut any size potato in pieces of uniform size. Cuts 8 bus. an hour.

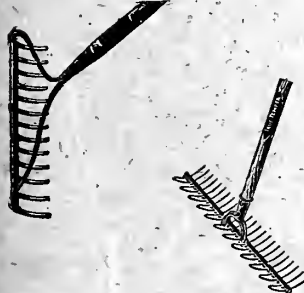
Price, \$2.50.

**PAINTED POT AND GARDEN LABELS.**

	By Mail.	By Freight.
4x5½ inch.	\$0.10 25	\$.20 25 .05 100 1000
8x9½ inch. ....	.15 .40	.10 .30 2.25
10x13½ inch. ....	.20 .45	.12 .35 3.00
12x17½ inch. ....	.35 1.00	.25 .75 6.50



Norcross Hoes.

Magic "E Z" Weeder.
Only 10c. By mail, 15c.Steel 6 in. Garden Trowel 10c
each. By mail, 15c.Transplanting 7-in. Trowel.
Both trowel and dibble, 15c
each. By mail, 20c.**NORCROSS GARDEN CULTIVATOR HOES.**

MIDGET NORCROSS. Short handle for hand work. Price, 25c.
3-PRONG NORCROSS. Light and can be used by women and children. Price, 50c.

5-PRONG NORCROSS. The standard size. A wonderfully useful tool. Every man with a garden, whether large or small, should have one. Price, 75c.

At a cost of 10c extra, we can supply a malleable connection that will attach the 5-prong tool to any style wheel plow.

"TRUE TEMPER" HOES.

Garden Hoe, shank handle, 7½ inch, 45c.

Garden Hoe, socket handle, 7½ inch, 50c.

Square Top Sugar Beet Hoe, narrow blade, 7½ in., 50c.

Special Self Sharpening Hoe, 7½ inch, 60c.

4-Tine Spading Fork. First quality heavy angular, 85c.

10-Tine Vegetable Scoop Fork. Heavy steel, flattened points, \$1.25.

STEEL BOW GARDEN RAKE. The best rake made. Will not break.

Prices: 14-tooth, 65c; 16-tooth, 70c.

LAWN RAKE. 24-tooth, Price, 35c.

GRASS HOOK OR SICKLE. Price, 20c.

IDEAL DANDELION KILLER.

The Ideal Dandelion Killer is a tube 1½ inches in diameter and 30 inches long. (See illustration.) It has a screw cap at the top for filling and in the bottom is a brass valve with a plunger extending about 1½ inches below the bottom of the tube.

To kill dandelions or other weeds fill the tube with gasoline, place the valve plunger in the center or heart of the plant and press down on the tube a very little. This opens the valve and drops out about one teaspoonful of gasoline right into the heart of the plant which kills it roots and all.

Price, \$1.00. By mail, \$1.15.

VELVETLAWN FERTILIZER SOWER.

Sows evenly and accurately. Just the thing for applying lawn fertilizer or sheep manure. Will also sow lawn grass seed.

Price, complete \$6.00.

LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH.

20c

By Mail 25c



Shank Hoe.



Socket Hoe.



Sugar Beet Hoe.



Self Sharpening Hoe.



Spading Fork.

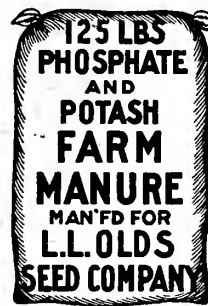
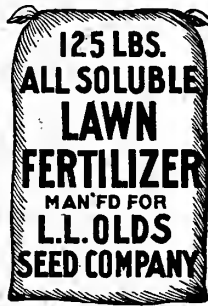
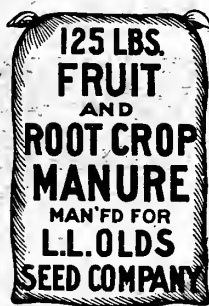
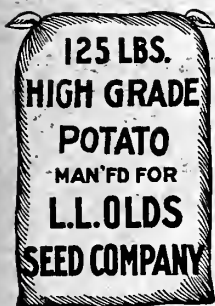


Vegetable Scoop Fork.



Dandelion Killer.

"VELVETLAWN" FERTILIZER SOWER

HIGH-GRADE COMMERCIAL FERTILIZERS.

HIGH GRADE POTATO. Prepared especially for the potato crop. Doubles the yield. R. K. Crowl of Ohio increased his yield from 150 to 350 bushels per acre. Analysis, 2-8-10. Prices: 25 lbs., 75c; 50 lbs., \$1.25; 125 lbs., \$2.50; 1,000 lbs., \$19.50; 2,000 lbs., \$38.00.

(Note—"Potato Production," a 16-page book on growing and handling potatoes mailed free.)

FRUIT AND ROOT CROP MANURE. For garden truck, potatoes, tobacco and fruits. Use 500 to 1,000 lbs. per acre. Analysis, 2-8-5. Prices: 25 lbs., 60c; 50 lbs., 95c; 125 lbs., \$2.25; 1,000 lbs., \$16.50; 2,000 lbs., \$31.50.

LAWN FERTILIZER. "All Soluble." Best for lawns both new and old. Apply 25 pounds to every 1,000 square feet. Analysis, 3½-8-4. Prices: 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 125 lbs., \$2.75; 1,000 lbs., \$20.00.

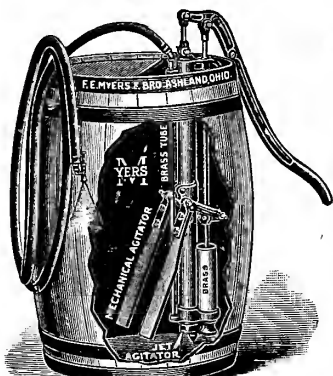
FARM MANURE. "Phosphate and Potash." A general purpose fertilizer for ordinary farm crops, including corn and small grains. Sow 150 to 500 lbs. per acre. Analysis, 10-10-2. Prices: 25 lbs., 40c; 50 lbs., 75c; 125 lbs., \$1.65; 1,000 lbs., \$10.50; 2,000 lbs., \$20.00.

TOBACCO GROWER. Should be used on every acre planted to tobacco. Use 500 pounds per acre. Analysis, 2-8-5. Prices: 25 lbs., 60c; 50 lbs., 95c; 125 lbs., \$2.25; 1,000 lbs., \$16.50; 2,000 lbs., \$31.50.

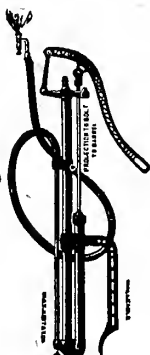
SUGAR BEET SPECIAL. Prepared especially for sugar beet growers. Use 200 to 1,000 pounds per acre. Analysis, 1-8-4. Prices: 25 lbs., 50c; 50 lbs., 90c; 125 lbs., \$2.00; 1,000 lbs., \$14.00; 2,000 lbs., \$27.00.

PULVERIZED SHEEP MANURE. A pure natural manure taking effect immediately. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick in results and most satisfactory. Prices: 1 lb., 10c; 5 lbs., 25c; 50 lbs., \$1.00; 100 lbs., \$1.75; 1,000 lbs., \$12.50.

(Ask for booklet "Fertile Facts," telling how to use sheep manure with different crops.)



Myers No. 305 Barrel Pump.



Bucket Spray.

MYERS BARREL SPRAY PUMP.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches in length; it has a good leverage, is powerful and easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$8.50.

(Our price does not include barrel.)

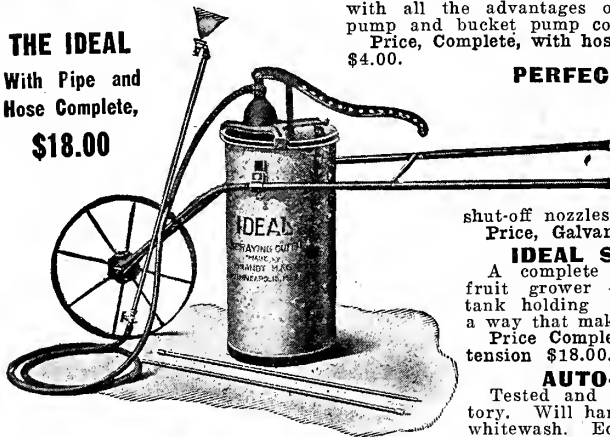
BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of the ordinary barrel pump and bucket pump combined.

Price, Complete, with hose and Bordeaux nozzle, \$4.00.

THE IDEAL

With Pipe and
Hose Complete,

\$18.00**PERFECTION SPRAYER.**

For Spraying, Disinfecting or Whitewashing, on Plants, Bushes, Vines, etc. Tank 7½ in. by 20 in., lock seamed with twenty-four rivets. All furnished with automatic

shut-off nozzles.

Price, Galvanized \$5.00. Brass, \$6.75.

IDEAL SPRAYING OUTFIT.

A complete equipment for the small fruit grower or gardener. Galvanized tank holding 15 gallons mounted in a way that makes it convenient to handle. Price Complete with hose and pipe extension \$18.00.

AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of ½-inch hose, fine spray nozzle, solid stream cap, and either stop cock or patented self cleaning automatic auto-pop, as ordered. No. 1-A, Brass tank with Stop Cock \$6.75. No. 1-B, Brass tank with Auto-Pop 7.25. No. 1-C, Galv. tank with Stop Cock 4.50. No. 1-D, Galv. tank with Auto-Pop 5.00. Brass Extension, 2 foot..... .45

BRANDT SPRAYER NO. 3.

Holds 3 gallons and one filling will spray a row one mile long.

Price, Brass, \$6.75. Double Nozzle, extra, \$1.50. Tree Nozzle, \$1.50.

BRANDT EASY.

Has all the features of the No. 3, but smaller. Holds one gallon.

Galvanized, \$2.00. Brass, \$3.00.

NEW MISTY SPRAYER.

Price, 50c.

GLASS TANK SPRAYER. Price, 50c.

OLDS' SPECIAL. Best sprayer for the money. Holds one quart. Only 45c.

BUG DEATH.

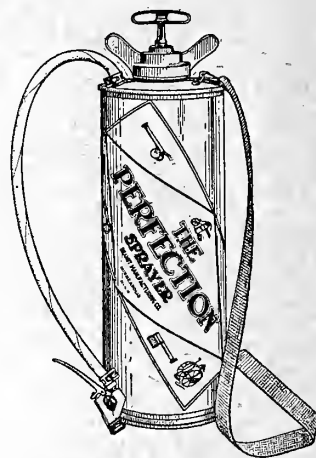
An Insecticide Free from Paris Green and Arsenic. Does not burn the leaves, however freely applied. Is a fine powder and adheres readily to the vines, so that it is not necessary to apply it after every shower. May be applied wet or dry. It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy, and the extra cost is more than offset by the increased yield and superior quality. Prices: 1 lb., 15c; 3 lbs., 35c; 5 lbs., 50c; 12½ lbs., \$1.00; 100 lbs., \$7.50.

ACRE-AN-HOUR SIFTER. The ideal tool for applying Bug Death and Slug Shot. Price, reduced, 60c.

SELF-WATERING FLOWER BOXES.

Neat, convenient and practical window and porch boxes made entirely of metal and guaranteed not to leak. The box has a reservoir in the bottom, which, when filled with water will supply plants with moisture for ten days, by means of sponges inserted in the false bottom of the box.

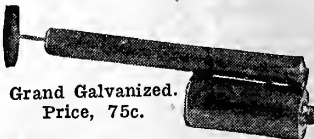
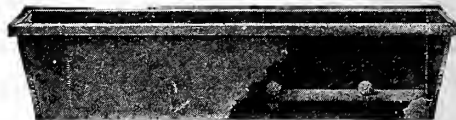
- No. 0, 16 inch Window Box, \$1.00.
- No. 2, 25 inch Window Box, \$1.75.
- No. 7, 35 inch Window Box, \$2.50.
- No. 23, 45 inch Porch Box, \$3.75.
- No. 25, 53 inch Porch Box, \$4.25.



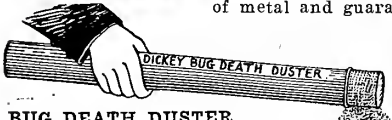
Auto Spray, No. 1.



Brandt No. 3, Spraying 2 Rows at Once.

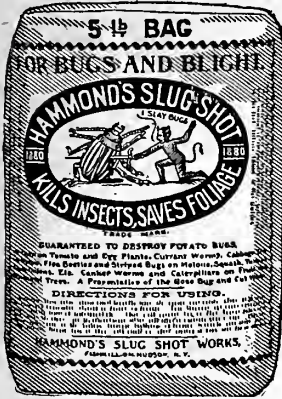
Grand Galvanized.
Price, 75c.

Self-Watering Flower Box.

**BUG DEATH DUSTER.**

Price, 25c. By mail, 30c.

**Acre-An-Hour
Sifter**



HAMMOND'S SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy.

Prices: 1 lb., carton with perforated top, 15c; 5 and 10 lb. bags, 6½c per lb.; 25 lb. bags at 6c; 125 lb. keg with duster at 5½c; 250 lb. barrel with duster at 5c. (Not mailable.)

("BUGS AND BLIGHT," a 28-page book free.)

PARIS GREEN.

Morris-Herrmann Co. brand, the very best for purity and high quality.

Prices: ¼ lb., 10c; ½ lb., 18c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.35; 14, 28 and 56 pound pails at 25c. (Cannot be sent by mail. Prices in quantity subject to change.)

HERRMANN'S TONICIDE.

For potato bugs and potato blight. A combined insecticide and fungicide. Takes the place of both Bordeaux and Paris Green. It kills the bugs, prevents blight and increases the yield 20 to 30 per cent. Ready for use by simply adding water.

Prices: Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.70; 25 lbs., \$4.00; 50 lbs., \$7.50; 100, \$13.50.

HERRMANN'S ARSITE. A destroyer of potato bugs, and other leaf eating insects. One pint makes 135 gallons of spray.

Prices: ½ pt., 35c; pint, 65c.

HERRMANN'S GALITE.

A form of arsite that can be used with just plain water. Pint, 30c; qt., 50c.

DRY BORDEAUX MIXTURE.

The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight. The dry Bordeaux goes further than the paste form and is nicer to handle.

Prices: Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75.

LIME SULPHUR.

Best of all sprays for fruit trees. Largely used now by leading orchardists everywhere and needed in every orchard.

Prices: Qt., 25c; 2 qts., 40c; gal., 65c; 5 gals., \$1.75; 10 gals., \$3.00; 25 gals., \$4.75; 50 gals., \$7.50.

DRY ARSENATE OF LEAD.

For all leaf-eating insects. Sticks to the leaves

and stays there. Will not burn foliage and one application lasts a long time. Dry Arsenate is greatly superior to the paste form.

Prices: 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$17.50.



CUTWORM FOOD. For cutworms and cabbage worms. Very effective.

Prices: 1 lb. (sufficient for 75 to 100 hills), 25c; 10 lbs., \$1.35.

Bug Death. See Page 90.

(Ask for special circulars on the use of Tonicide, Bordeaux, Lime Sulphur, Arsenate of Lead and Cutworm Food.)

SULPHO-TOBACCO SOAP.

A powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of pests.

3-oz. Cake (makes 1½ gals. prepared solution), 10c; by mail, 13c; 8-oz. Cake, 20c; by mail, 25c.

BLATCHFORD'S PLANT GROWER. A concentrated fertilizer for house plants. Prices: ½ lb., 15c; by mail, 20c; 1½ lbs., 25c; by mail, 35c.

ARMOUR'S PLANT FOOD. (All Soluble). A concentrated forcing compound for house plants, shrubs, lawns and gardens. Lb., 25c; by mail, 30c.

"BONORA." For all plants, lawns, rose bushes, shrubbery, vegetables, fruit, shade trees, etc. It invigorates and promotes the growth.

Trial package making 56 pints, 25c; by mail, 30c; 5 lbs., \$2.50.



STERLINGWORTH PLANT TABLETS



PLANT FOOD TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 Tablets, sufficient for 10 house plants 3 months, 10c postpaid; 100 Tablets, regular size box, 25c, postpaid; 250 tablets, 50c, postpaid.



STERLINGWORTH POWDERED TOBACCO

POWDERED TOBACCO. For aphids, fleas, beetles, etc. Lb., 10c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.50.

WEED KILLER. For killing grass and weeds on roadways, paths, tennis courts, ball diamonds, walks and gutters. Destroys all vegetation.

Prices: 1 qt., 45c; 1 gal., \$1.00; 5 gals., \$4.50; 10 gals., \$8.50.

BACILI-KIL. A sovereign remedy for germ diseases of poultry.

Also for use in the home, for cuts, boils, sore throats, etc. Kills all odors.



Ten times as effective as a germ destroyer as carbolic acid, yet not a poison.

Prices: 12 oz. bottle, 50c; by mail, 65c; qt., \$1.00; gal., \$2.00. (Quarts and gallons not mailable.)

Ask for Free Poultry Book, telling How to Keep Disease out of your Poultry Yard.

Tells you how to recognize and cure roup, catarrh, canker, cholera, dysentery, white diarrhoea, chicken-pox and other germ diseases.

It tells you all about the new B-K Sterilizing Method of Sanitation.

RAT CORN.

A new and scientific discovery. Kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. 25c, 50c and \$1.00 per can, postpaid.

RAT CORN



(Prices on this page do not include postage except where so stated. Many of these things are not mailable.)

STANDARD INOCULATION

Only 50c Per Acre

FERTILIZER VALUES

of thoroughly inoculated legumes have long been known. Bulletin No. 71, issued by the United States Department of Agriculture shows that tests covering a large part of the country prove that inoculated legumes will deposit in the soil nitrogen equal in value to from 800 to 1000 pounds of Nitrate of Soda per acre.

ALFALFA

the most valuable of all crops can be successfully grown on some part of almost every farm in the country by using good seed, thoroughly inoculated just before planting. Alfalfa does not succeed without the alfalfa bacteria. The seedbed should be properly prepared and the land should have good drainage. Transfer of soil for inoculation is usually effective but is troublesome and expensive. Furthermore, it allows the spreading of weeds, also crop and soil diseases.

Inoculated winter vetch sown with oats or rye makes a valuable crop for green feed or hay and is also a great soil improver.

We are glad to again offer you Standard Seed Inoculation at only 50c per acre and guaranteed to produce results equal to any inoculation on the market. Standard Inoculation is delivered in bottles ready to use by diluting with a little water and sprinkling on the seed. Seed for ten acres can be thoroughly inoculated in ten minutes.

This inoculation is prepared for over 30 legume crops in 5 acre and 1 acre size bottles. We have combination cultures for the principal legume crop mixtures, so that it is not always necessary to buy separate cultures for each kind of seed being planted.

No. 2, for Red, Crimson, Alsike, Mammoth and White Clovers.

No. 4, for Alfalfa or Lucerne and Sweet Clover.

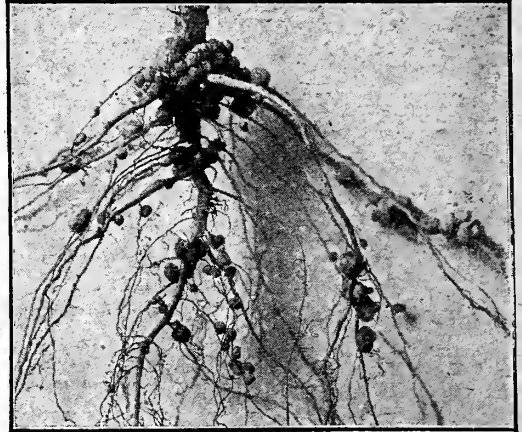
No. 6, for Vetch or Canada Field Peas.

No. 8, for Soy Beans and Cow Peas.

No. 10, for Garden Peas, Beans and Sweet Peas.

When ordering be sure to give names of crops to be inoculated.

Prices: 5 Acre Size, \$2.50. By Mail, \$2.65. 1 Acre Size, 50c. By Mail, 55c. (Pamphlet on request.)



Soy Bean roots showing Nodules produced with Standard Inoculation. Grow Soy Beans with corn for ensilage. See page 17.



Alfalfa—
Inoculated with
"Nitragin."



Alfalfa—
Not
Inoculated.

Success with Alfalfa, Clover, COW PEAS, SOY BEANS, VETCH, FIELD PEAS AND BEANS, GARDEN PEAS AND BEANS, AND ALL OTHER LEGUMES

A GOOD "CATCH"
and a big stand, of
greatest feeding
value—richer soil for
succeeding crops—
these results follow the
use of



"NITRAGIN" is the trade-mark name for the special germ, or bacteria, that acts on the legume root, draws nitrogen from the air and converts it into plant food. As a result there is a uniform "catch"; the crop grows quickly; it is strong, hardy and healthy—deep-rooted—rich in food value. Meanwhile your soil is growing richer instead of poorer—your land more valuable.

Failure with legumes is usually due to lack of bacteria. In "NITRAGIN" Pure Culture we send you billions of these necessary nitrogen-gathering germs, packed in proper food to keep them alive, active and healthy.

It's easy to treat your seed with "NITRAGIN" Pure Culture. A boy can do it in ten minutes.

GET THE ORIGINAL

LOOK FOR THE ARMOUR OVAL LABEL.

This is the original Pure Culture—discovered by Nobbe and Hiltner, famous German bacteriologists. It has been perfected by twenty years of scientific testing, in the laboratory and on the farm. The germs come to you packed in a granular food—in a ventilated can—the safe and satisfactory way.

Why use imitations when you can be sure of perfect inoculation by using "NITRAGIN" Pure Culture.

The Armour Fertilizer Works guarantee "NITRAGIN" Pure Culture to retain health and vitality for 6 months from date of preparation, stamped on can.

The Pure Culture system of inoculating legumes is endorsed by U. S. Government authorities, by state experiment stations, practical farmers and other agricultural experts. These men have accomplished wonders with inoculated legumes. You can do the same on your farm by using "NITRAGIN" Pure Culture.

There is a special strain for each legume. In ordering be sure to name the crop desired.
Prices: Garden size, \$1; By mail, \$1.05. Acre size \$2. By mail, \$2.10; 55 acre size, \$9. By mail, \$9.25.
Order "NITRAGIN" Pure Culture with your seed.

WE ARE AUTHORIZED AGENTS FOR Cyphers Company Incubators.

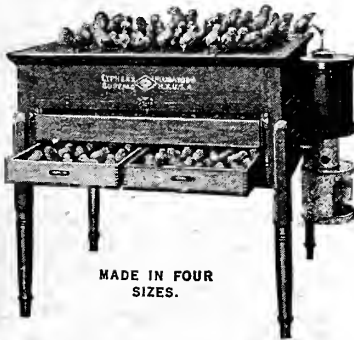
Made in Three Styles—Eight Different sizes.

For the season of 1915 we offer our customers the Cyphers Incubator Company's complete line of Incubators. These three styles of high-class, guaranteed hatching machines, running through eight different sizes, represent all that is efficient, convenient and reliable in incubator construction. In buying a Cyphers Company Incubator you take no chances.

STANDARD CYPHERS INCUBATORS.

These are machines that for fifteen years and more have been the recognized "standard hatchers of the world." They are today the last word in incubator building—not a penny being spared in making sure of their doing satisfactory work in all climates, under widely different conditions in the hands of all sorts of people. Are built in four popular sizes and sell at prices as follows:

70 eggs, complete, \$15; 140 eggs, \$22; 244 eggs, \$32; 390-400 eggs, \$38.



MADE IN FOUR SIZES.

390-400 Egg Standard Cyphers Incubator. Price, Complete, \$38.00.

COLUMBIA HOT-AIR INCUBATORS.



MADE IN TWO SIZES.

240-250 Egg. Columbia Hot-Air Incubator. Price, Complete, \$19.00.

Popular-price, popular-size, guaranteed hot-air hatchers. Wooden cases, beautifully finished in dark green, with brass trimmings; double walls and self-ventilating; seamless bowl lamps, best quality burners; zinc and steel Standard Cyphers thermostat and regulating device; fume-proof heater, asbestos covered and metal banded; embodies diffusive principle; roomy chick nursery.

Two sizes, 130-140, and 240-250 eggs; sell at \$15 and \$19.

SUPERIOR HOT-WATER INCUBATORS.

Exactly what the name says. Are heated by hot water and "superior," in every detail. Copper tank and boiler; seamless bowl lamp and best quality burner; wooden case attractively finished in golden brown, with brass hinges, buttons, etc.; double walls, with air-space insulation; Standard Cyphers regulator and roomy chick nursery; automatic ventilation.

Made in two sizes, 60-65 eggs and 120-130 eggs; sell at \$10 and \$14.



MADE IN TWO SIZES.

120-130 Egg Superior Hot-Water Incubator. Price, Complete, \$14.00.

CYPHERS BROODERS.

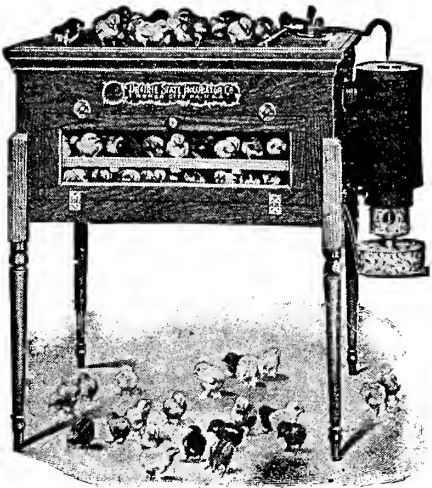
Style A. Brooder	.....	\$12.50
Style B. Brooder	.....	16.50
Style C. Brooder	.....	18.50
Style D. Brooder	.....	11.50
Adaptable Hover	.....	8.50
Portable Hover	.....	8.50

Write for Large Complete Catalogue of Cyphers Incubators and Brooders.

PRAIRIE STATE INCUBATORS AND BROODERS.

Prairie State Incubators have been improved and are better than ever for 1915. They are strictly high grade in every respect, are made to last and are guaranteed to give entire satisfaction.

Prairie State machines are used in all parts of the country and have a splendid reputation, gained by thousands of tests made in large poultry plants.

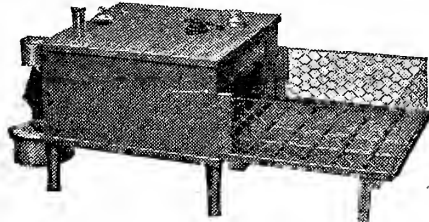


Prairie State No. 1, \$22.50.

PRAIRIE STATE PRICES FOR 1915.

No. 0 Incubator, 100-egg	.....	\$18.00
No. 1 Incubator, 150-egg	.....	22.50
No. 2 Incubator, 240-egg	.....	32.00
No. 3 Incubator, 390-egg	.....	38.00
No. 0 Keystone, 60-egg	.....	9.00
No. 1 Keystone, 100-egg	.....	12.00
No. 1 Colony House Brooder	.....	20.00
No. 2 Colony House Brooder	.....	16.00
No. 3 Colony House Brooder	.....	12.00
Heat Regulator, extra	.....	1.00
New Portable Hover	.....	8.50
Universal Hover, Indoor	.....	6.00
Universal Hover, Outdoor	.....	7.00
New Stove Brooder	.....	30.00

(Ask for complete Prairie State Catalog illustrating and describing all the different styles and sizes and explaining the new improvements.)



BUCKEYE BROODERS

at
Reduced
Prices.

No. 1, \$6.00.
No. 2, \$8.00.
No. 5, \$1.50.
No. 6, \$2.50.

Buckeye No. 1, 50 Chicks. Price, \$6.00.

INTERNATIONAL SANITARY HOVER.

No crowding or smothering of chicks—no kneeling to get at the lamp. Price, \$8.50.

BANNER INCUBATORS.

A new line, made in Wisconsin. Strictly high-grade, equal to the best, and a little lower in price.

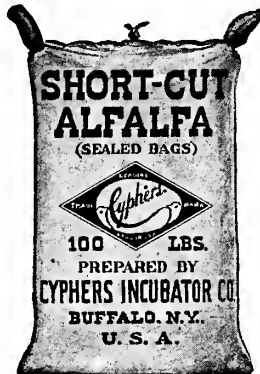
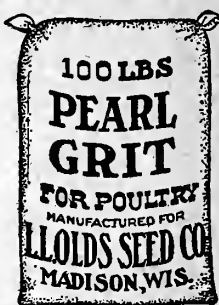
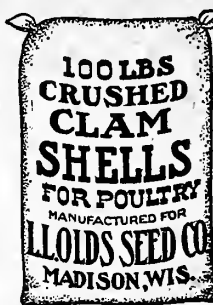
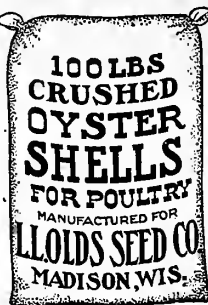
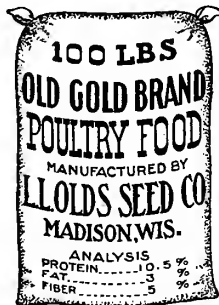
No. 0, 75-egg	\$13.00
No. 100, 100-egg	17.00
No. 1, 150-egg	22.00
No. 2, 300-egg	32.00
No. 3, 450-egg	42.00

Golden Hatcher 8.00

(Ask for Banner catalog.)



International Sanitary Hover.
Price, \$8.50.



OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Duly analyzed and licensed, and every sack guaranteed. Prices: 10-pound sack, 25c; 100-pound sack, \$2.10; 3 sacks at \$2.00. Special prices in quantity. (With grit 10c per 100 pounds less.)

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. Licensed and guaranteed. Prices: 10-pound sack, 25c; 100-pound sack, \$2.25; 3 sacks at \$2.15. (With grit 10c less.)

CRUSHED OYSTER SHELLS.

Prices: 100-pound sack, 75c; 3 sacks at 70c.

CRUSHED CLAM SHELLS.

Prices: 100-lb. sack, 60c; 3 sacks at 55c.

PEARL GRIT. Prices: 100-lb. sack, 65c; 3 sacks at 60c.

MICO SPAR CUBICAL GRIT.

Prices: 100-lb. sack, 75c; 3 sacks at 70c.



SHORT-CUT ALFALFA

A high-grade article prepared by special machinery.

Price: 100-pound sack, \$2.00.

MEALED ALFALFA

The ideal food for mashes. Price: 100-pound sack, \$2.50.

LAYING MASH

A mixture of sound, sweet nutritious grains in ground form to which is added a liberal proportion of blood meal, and mealed alfalfa. Price: 50 lbs., \$1.35; 100 lbs., \$2.50.

SWIFT'S POULTRY BONE.

Prices: 25 lbs., 75c; 50 lbs., \$1.40; 100 lbs., \$2.60.

Sizes, coarse, fine and meal.

SWIFT'S BLOOD MEAL.

Prices: 25 lbs., 90c; 50 lbs., \$1.90; 100 lbs., \$3.70.

SWIFT'S MEAT SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week at the rate of one ounce to each fowl, mixed with the feed.

Prices: 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 50 lbs., \$1.70; 100-pound sack, \$3.25.

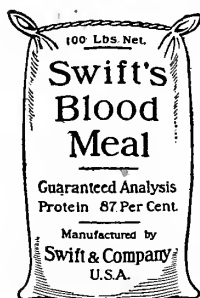
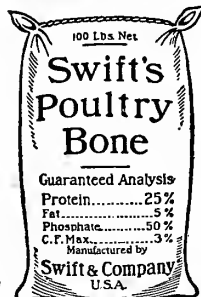
GRAINS, ETC., FOR POULTRY.

(Prices include sacks, but are subject to change.)

Per 100 lbs.		Per 100 lbs.	
Feed Wheat, choice grade	\$2.15	Cracked Corn, fine	\$1.75
Cracked Wheat	2.25	Feed Millet	1.75
Kaffir Corn	1.75	Feed Barley	1.75
Cracked Kaffir Corn	1.85	Hulled Oats, for chicks	2.90
Cracked Corn, coarse	1.70	Sunflower	5.50

BLATCHFORD'S EGG MASH.

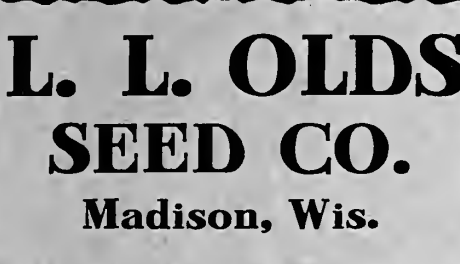
10 lbs., 30c; 100 lbs., \$2.50.



Make every layer a winter payer

A slogan for poultrymen





L. L. OLDS
SEED CO.
Madison, Wis.

Total, \$_____

Date _____ 1914

WRITE PLAINLY, PLEASE

PLEASE DO NOT WRITE HERE.

Shall we { Mail, Freight }
forward by { or Express } _____

Space for Your Remarks! Below you will kindly give us any special instructions concerning your order.

[illegible]

GARDEN SEEDS---POSTAGE FREE--EXCEPT WHERE NOTED IN CATALOGUE.

[illegible]

From

L. L. OLDS SEED CO.,

MADISON,

WIS.

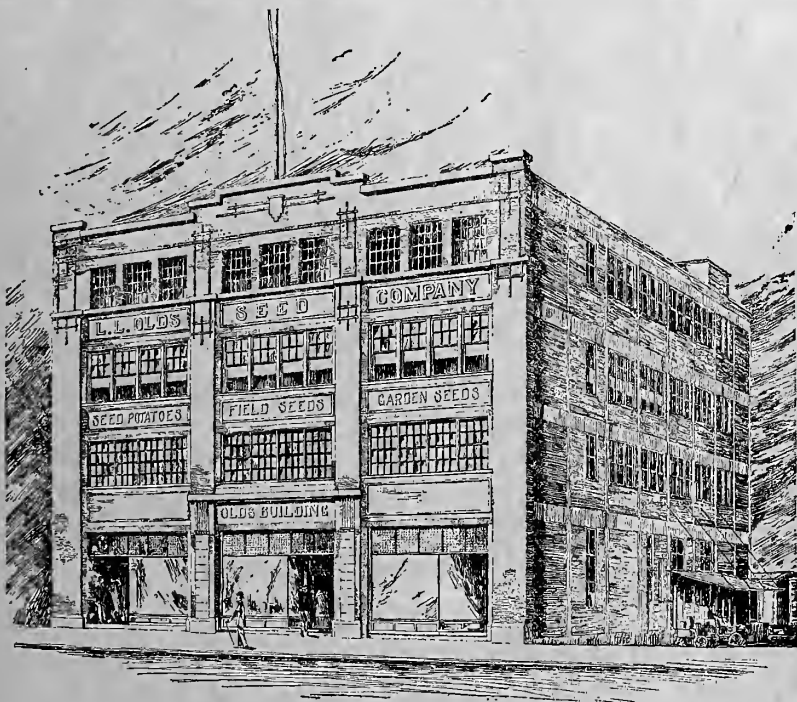
Seed Potatoes,
Corn, Oats & Barley,
Grass & Clover Seeds,
Garden & Flower Seeds,
Poultry Supplies,
Tools.

Complete 96 Page Catalogue Free



OUR NEW BUILDING COLLECTIONS

We will give FREE, on request, one of the collections mentioned below, providing your order amounts to \$1.00 or more. State which collection you prefer when ordering.



Vegetable Seeds

This collection is suitable for a small garden. One packet each:

1. Beet. Olds' best first early.
2. Carrot. The general favorite.
3. Cucumber. Olds' Early White Spine.
4. Lettuce. Good all the year round.
5. Radish. Early, tender and crisp.
6. Turnip. A favorite table variety.

Flower Seeds

This collection includes some of the most popular varieties. One packet each:

1. Alyssum. A general favorite.
 2. Cosmos. Olds' largest flowering.
 3. Dianthus. Best double pinks.
 4. Mignonette. Best and finest strain.
 5. Poppy. Splendid double mixed.
 6. Zinnias. Superb double mixed.
-

We want the names and Post Office addresses of a few of your friends and neighbors who buy seeds. See reverse side.

L. L. OLDS SEED COMPANY,
Madison, Wis.

Good Names Wanted

SIX PACKETS OF SEEDS FREE—SEE OFFER BELOW

We will consider it a favor if you will send us the names and correct **Post Office addresses** of a few of your friends and neighbors who buy seeds—those who you think have not yet received our catalogue.

[illegible]

Name _____

Address _____

If any of the above are Market Gardeners kindly put an X in front of their names.
Mark with a (P) those who are interested in roses or plants.

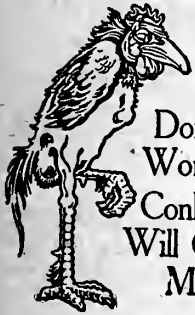
For your trouble we will give free, on request, providing your order amounts to \$1.00 or more, one of the collections mentioned on the reverse side, (state which collection you prefer when ordering), or if you prefer to make your own selection, any six 5 cent packets vegetable or flower seeds listed in catalogue.

We want **your orders** and we want our seeds advertised. Send us the names of your neighbors and we will send them our catalogue. Ask them to mention your name when they order and as a special inducement, we make you the above offer.

L. L. OLDS SEED COMPANY,
Madison, Wis.

CONKEY'S POULTRY REMEDIES.

We recommend Conkey's Poultry Remedies to you in the highest terms. They must satisfy you or your money is returned.



Don't
Worry!
Conkey
Will Cure
Me



ONE REMEDY FOR EACH DISEASE.

Conkey's Roup Cure. For sneezing, swollen-headed fowls. 25c, 50c and \$1.00, postpaid: 5 lbs., \$5.00, not prepaid.
Conkey's Bronchitis Remedy. For a disease often mistaken for Roup. 50c. Postpaid, 55c.
Conkey's Gape Remedy. Valuable both as cure and preventive; 50c. Postpaid, 55c.
Conkey's Chicken Pox Remedy. A reliable cure for this dangerous disease; 50c. Postpaid, 55c.
Conkey's Limber Neck Remedy. For a disease caused by ptomaine poisoning; 50c. Postpaid, 55c.
Conkey's Scaly Leg Remedy; 25c and 50c. By mail, 5c more.
Conkey's Rheumatic Remedy. Cures those lame and useless birds; 50c. By mail, 55c.
Conkey's Poultry Laxative. A reliable laxative; 25c, postpaid.
Conkey's Head Lice Ointment. Prevents loss of thousands of chicks; 10c and 25c, postpaid.
Conkey's Poultry Worm Remedy. Gets rid of all the hurtful worms; 50c, postpaid.
Conkey's Poultry Tonic. For birds which are run down; 25c. By mail, 30c.
Conkey's Cholera Cure. For all diseases of the digestive organs; 25c and 50c, postpaid.
Conkey's Blackhead Remedy. A special cure for blackhead; 50c, postpaid.
Conkey's Lice Powder. A powder that actually kills the lice and does it instantly. 5 oz., 10c; by mail, 15c; 15 oz., 25c; by mail, 30c; 48 oz., 50c; by mail, 70c; 100 oz., \$1.00; by mail, \$1.35.
Quick Loader Duster. For blowing powder into cracks and crevices. 10c each; 15c by mail.
Conkey's Lice Liquid. To paint and spray on roosts, etc. Prices: Qt., 35c; 2 qts., 60c; gal., \$1.00. Not available.



Conkey's Laying Tonic. Made to promote egg production and it does it. Your money back if you are not thoroughly satisfied.

Prices: 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 7 lbs., \$1.00; 25 lbs., \$3.00.

Conkey's White Diarrhoea Remedy. This saves the chicks. 25c and 50c, postpaid.

Conkey's Noxicide. A wonderful disinfectant and germicide. Good for scores of purposes. Invaluable in the house or out. Send for Special Book on Noxicide.

Prices: Pt., 35c; qt., 60c; 2 qts., 90c; gallon, \$1.50. Not available.

Conkey's Sulphur Fumigating Candles. 10c each. By mail, 15c.

Conkey's Quick Loader Dusters. For blowing powder into cracks and crevices. 10c each.

Conkey's Poultry Book. Filled with the best kind of information for the poultryman. A real book of reference. Price, 50c, or free on request with every order for Remedies amounting to \$1.00.



Pratts' POULTRY REGULATOR ...AND REMEDIES...



Pratt's Poultry Regulator. The original poultry regulator of America. Used the country over. A guaranteed egg producer and preventive of disease.

26 oz. pkg., 25c; by mail, 35c; 4 lbs., 50c; 9 lbs., \$1.00; 12 lbs., \$1.25; 25 lbs., \$2.50.

Pratt's Roup Cure. Prevents and cures roup, colds, catarrh, etc. 25c, 50c and \$1.00 pkgs. (Postpaid.)

Pratt's White Diarrhoea Remedy. Saves many dollars' worth of little chicks to poultry raisers. 25c and 50c, postpaid.

Pratt's Poultry Disinfectant. A wonder-worker in the poultry yard. Qt., 35c; 2 qts., 60c; gal., \$1.00. Not available.

Pratt's Powdered Lice Killer. Kills all lice on little chicks, big chicks and setting hens. 5 oz., 10c; by mail, 15c; 1 lb., 25c; by mail, 30c; 2½ lbs., 50c; by mail, 65c.

Pratt's Condition Tablets. Keeps the poultry well. 25c and 50c, postpaid.

Conkey's Fly Knocker. For farmers, stockmen and dairymen. Qt., 35c; 2 qts., 60c; gal., \$1.00; 5 gal., \$4.00. Not available.

Conkey's Dip and Disinfectant. A sheep dip and disinfectant. Qt., 50c; 2 qts., 75c; gal., \$1.25. (Not available.)

Conkey's Pino. A disinfectant for home use. 7 oz., 25c; pt., 50c. (Not available.)

Conkey's Stock Tonic. 1 lb., 25c; by mail, 30c; 2¼ lbs., 50c; by mail, 65c; 5 lbs., \$1.00.

Conkey's Distemper Cure. 50c; by mail, 65c.

LEE'S REMEDIES.

Lee's Lice Killer. Qt., 35c; ½ gal., 60c. Not available.

Lee's Insect Powder. 1¼ lb. sprinkler-top cans, 25c. By mail, 35c.

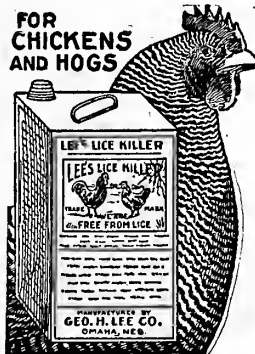
Lee's Egg Maker. A highly concentrated food. 25c. By mail, 35c.

Lee's Germozone. A famous cure for Roup, Cholera, Bowel Complaint, Chicken Pox and other similar diseases. Also a preventive. 50c per bottle. Not available.

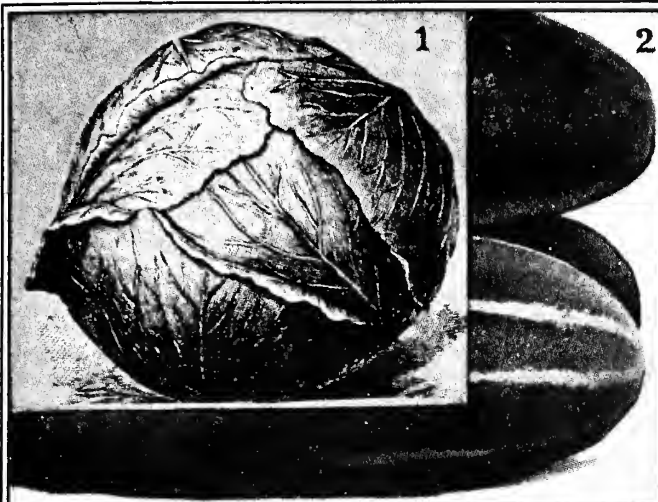
Lee's Germozone Tablets. 50c, postpaid.

Lee's White Diarrhoea Remedy. 50c, postpaid.

Lee's Flyo-Curo. For horses and cattle during the summer and fall. 35c, 60c and \$1.00. Not available.



Note—Prices on this page do not include postage except where so stated. See Parcel Post Table page one.



6 LEADING VEGETABLE SPECIALTIES

One packet each, 20 cents

We offer here six of the most desirable vegetables in this catalogue. A collection of six packets for 20 cents; 6 collections (with copies of our catalogue mailed to different addresses, if desired), for \$1.00. Here is an opportunity to get acquainted with Olds' seeds. Every collection means a larger order next year. Order now.

L. L. OLDS SEED COMPANY.

85. (No. 1) **Olds' Dan-ish Ballhead Cabbage.** Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c. Page 43.

160. (No. 2) **Extra Early White Spine Cucumber.** Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c. Page 51.

295. (No. 3) **Olds' Longkeeper Onion.** Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c. Page 62.



371 $\frac{1}{2}$. (No. 4) **Bright Red Globe Forcing Radish.** Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c. Page 67.

438. (No. 5) **Enormous Tomato.** Pkt., 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 55c. Page 71.

222. (No. 6) **Big Boston Lettuce.** Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c. Page 54.



Olds' Large Red Wethersfield

Pkt., 10c; 2 pkts., 15c; oz., 20c:

1-4 lb., 35c; 1b. \$1.25

1000 Bushels of Onions per Acre.

See page 61.

